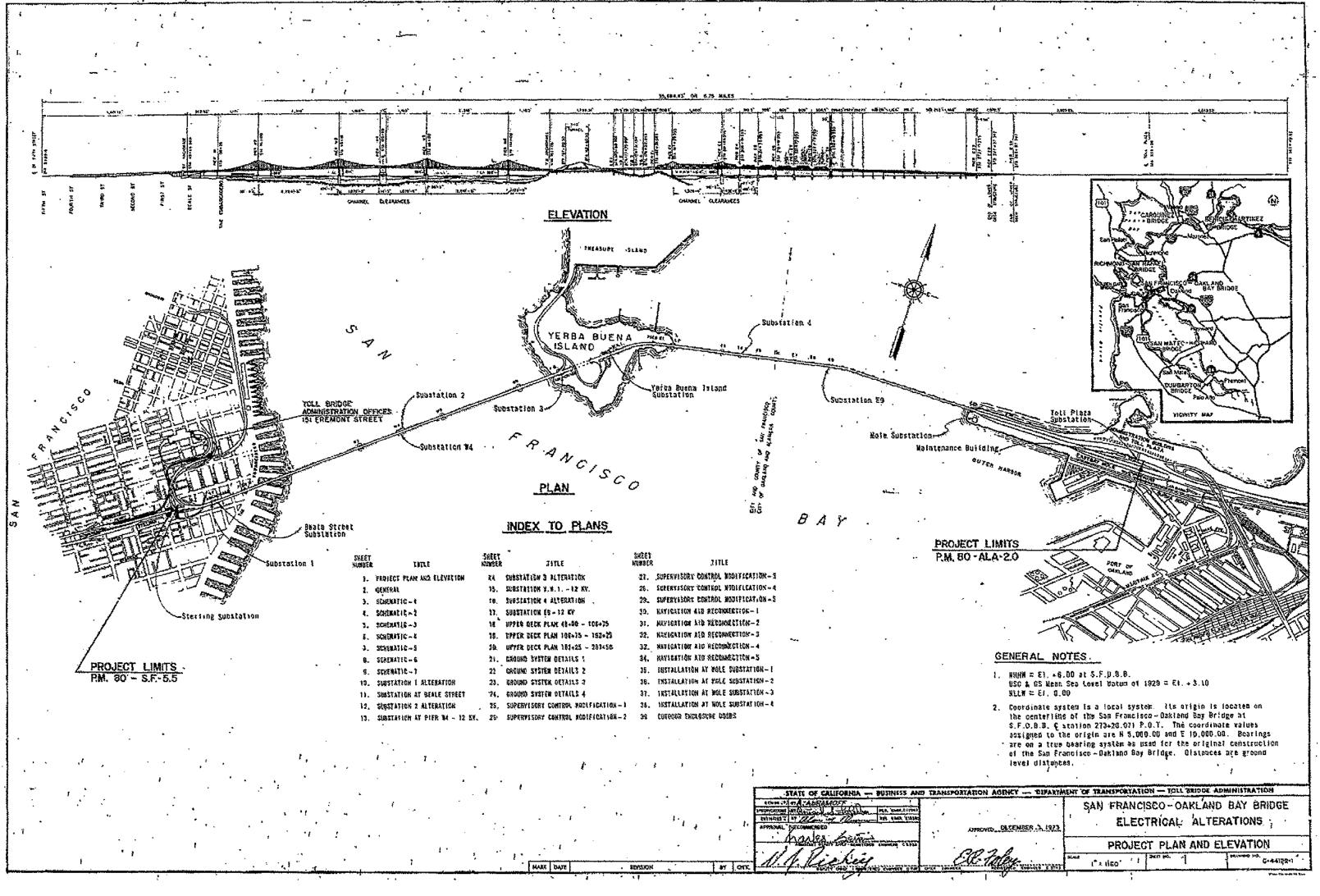
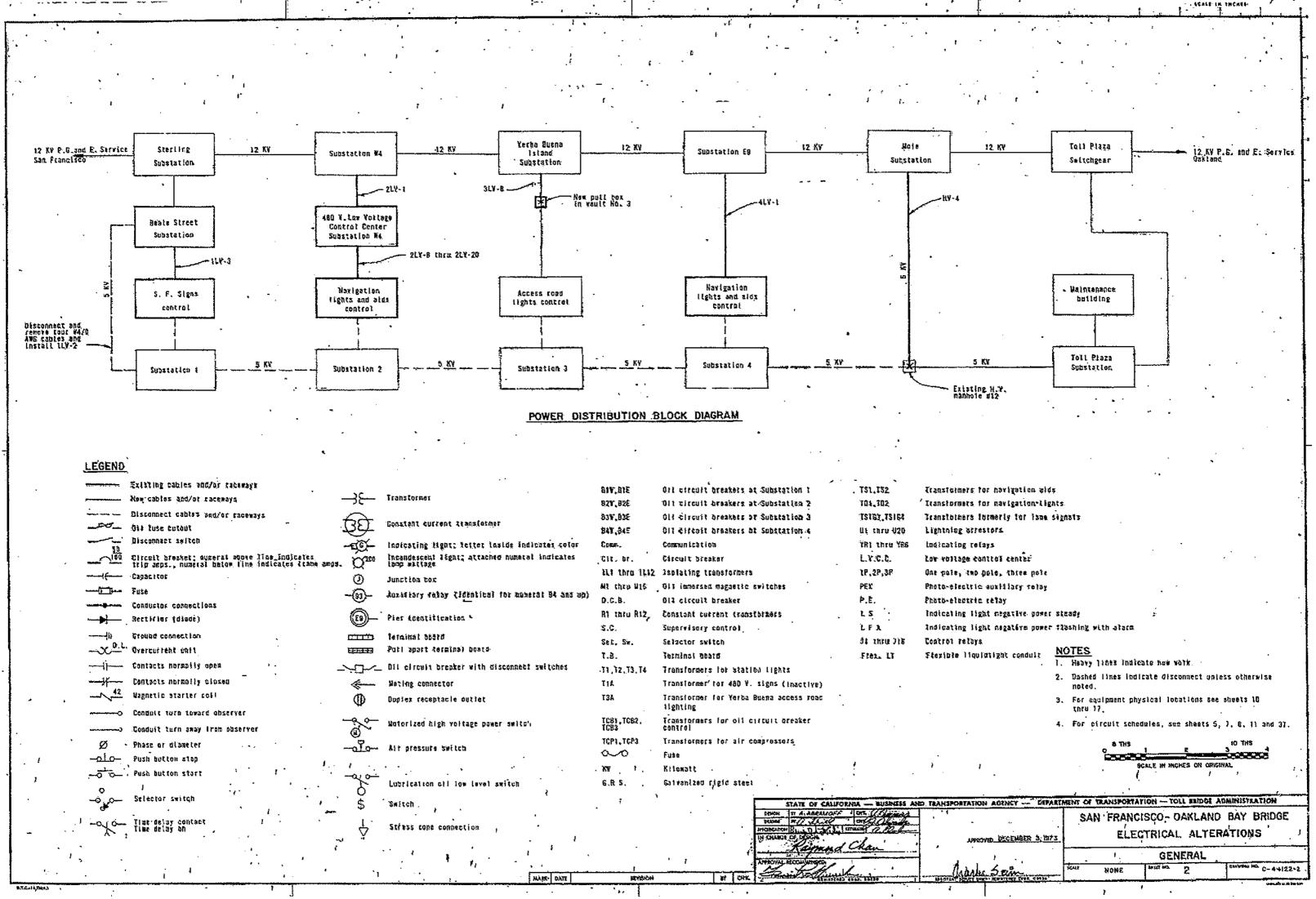
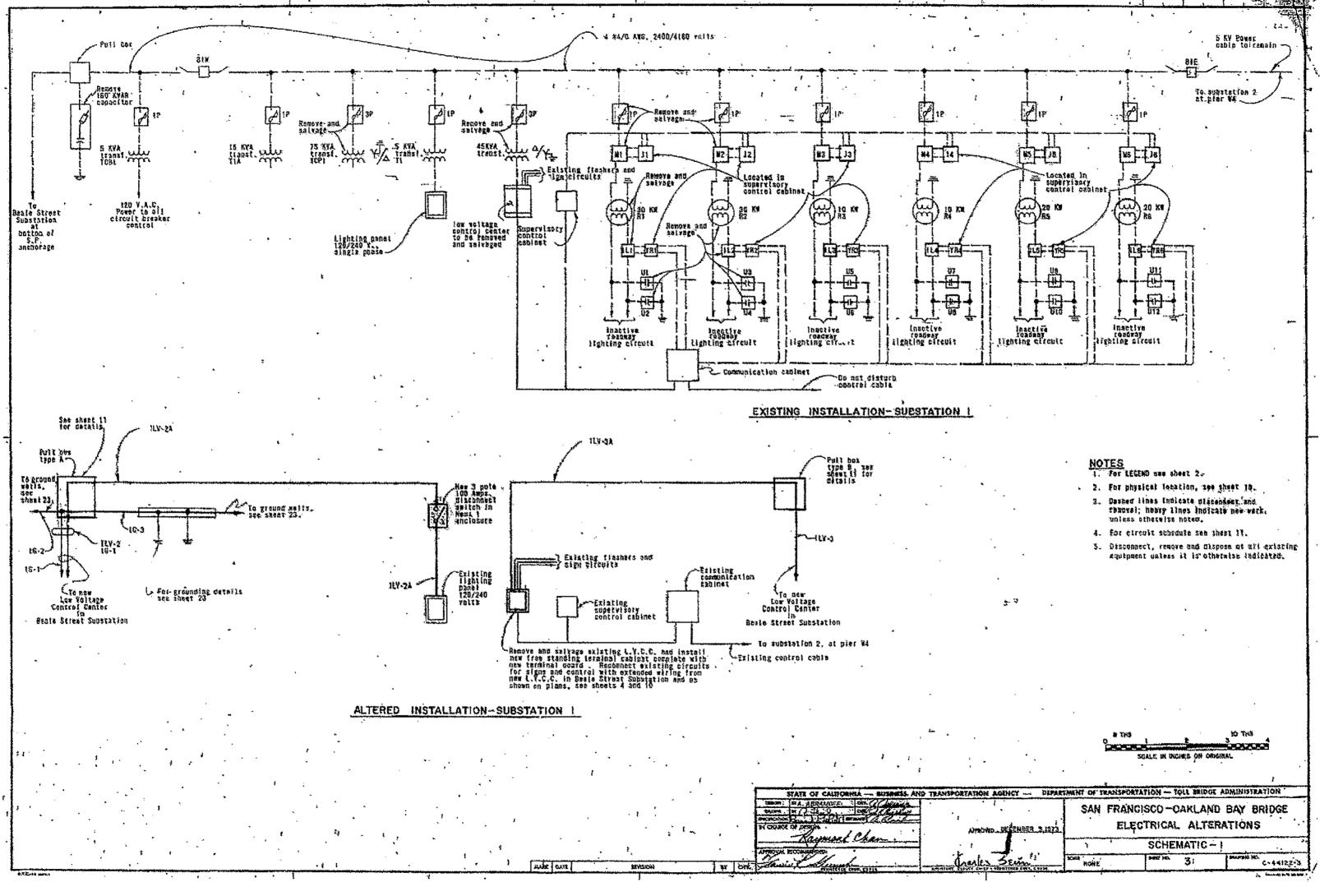
# **Electrical Alterations (Contract No. 04-44122)**

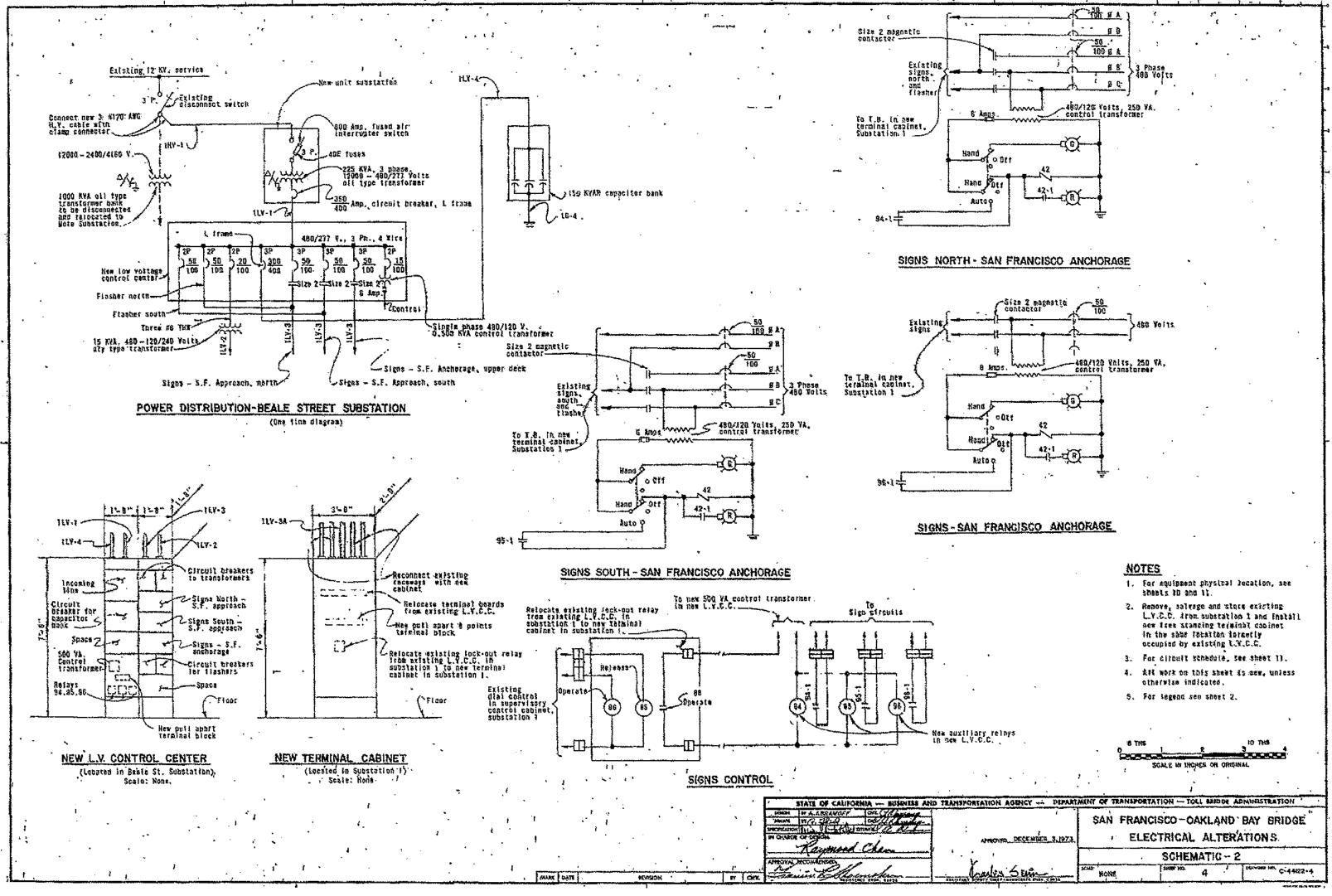
The as-built drawings, which are contained in these CDs, are scanned from drawings of the existing structure for the contractor and as a means to convey to the contractor that no claim is being made as to the accuracy or completeness of the said information and that the State of California or its officers or agents shall not be responsible for the manner in which the contractor interprets and uses this information or for the accuracy, currency or completeness of these scanned as-built drawings. The contractor shall be responsible to obtain, at the contractor's expense, any additional information that the contractor deems necessary for completely and accurately assessing the existing conditions of the structure. The contractor shall not be entitled to any compensation for any claim arising from inaccuracy or insufficiency of these as-built drawings or in anyway related to these drawings.

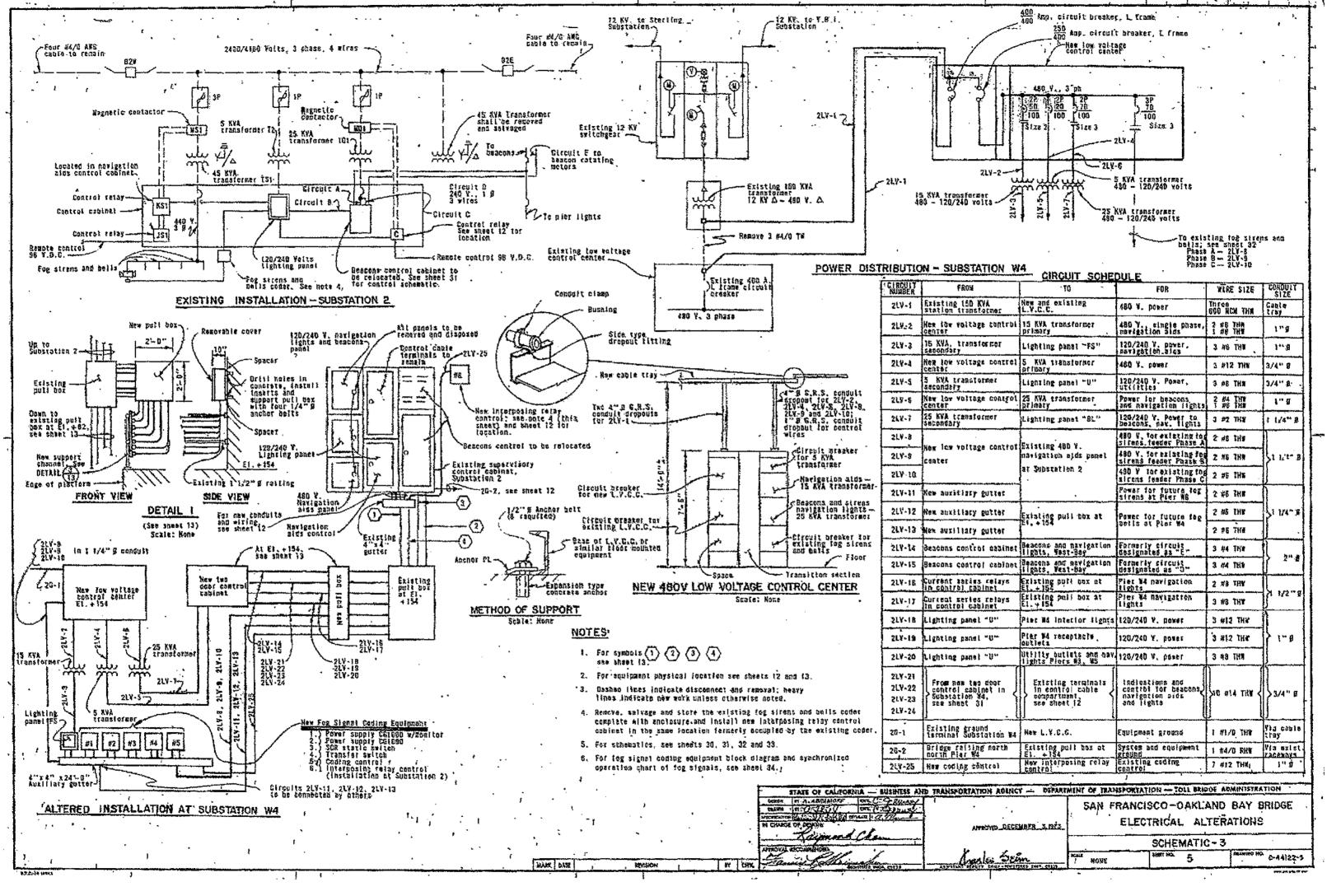
- 1. Project Plan and Elevation
- 2. General
- 3. Schematic-1
- 4. Schematic-2
- 5. Schematic-3
- 6. Schematic-4
- 7. Schematic-5
- 8. Schematic-6
- 9. Schematic-7
- 10. Substation 1 Alteration
- 11. Substation at Beale Street
- 12. Substation 2 Alteration
- 13. Substation at Pier W4-12 KV
- 14. Substation 3 Alteration
- 15. Substation Y.B.1-12 KV
- 16. Substation 4 Alteration
- 17. Substation E9-12 KV
- 18. Upper Deck Plan 48+00 106+75
- 19. Upper Deck Plan 106+75 192+25
- 20. Upper Deck Plan 192+25 281+50
- 21. Ground System Details 1
- 22. Ground System Details 2
- 23. Ground System Details 3
- 24. Ground System Details 4
- 25. Supervisory Control Modification 1
- 26. Supervisory Control Modification 2
- 27. Supervisory Control Modification 3
- 28. Supervisory Control Modification 4
- 29. Supervisory Control Modification 5
- 30. Navigation Aid Reconnection 1
- 31. Navigation Aid Reconnection 2
- 32. Navigation Aid Reconnection 3
- 33. Navigation Aid Reconnection 4
- 34. Navigation Aid Reconnection 5
  35. Installation at Mole Substation 1
- 36. Installation at Mole Substation 2
- 37. Installation at Mole Substation 3
- 38. Installation at Mole Substation 4
- 39. Outdoor Enclosure Doors
- 40. Foghorn Reconnections
- 41. East Bay Foghorn Reconnections

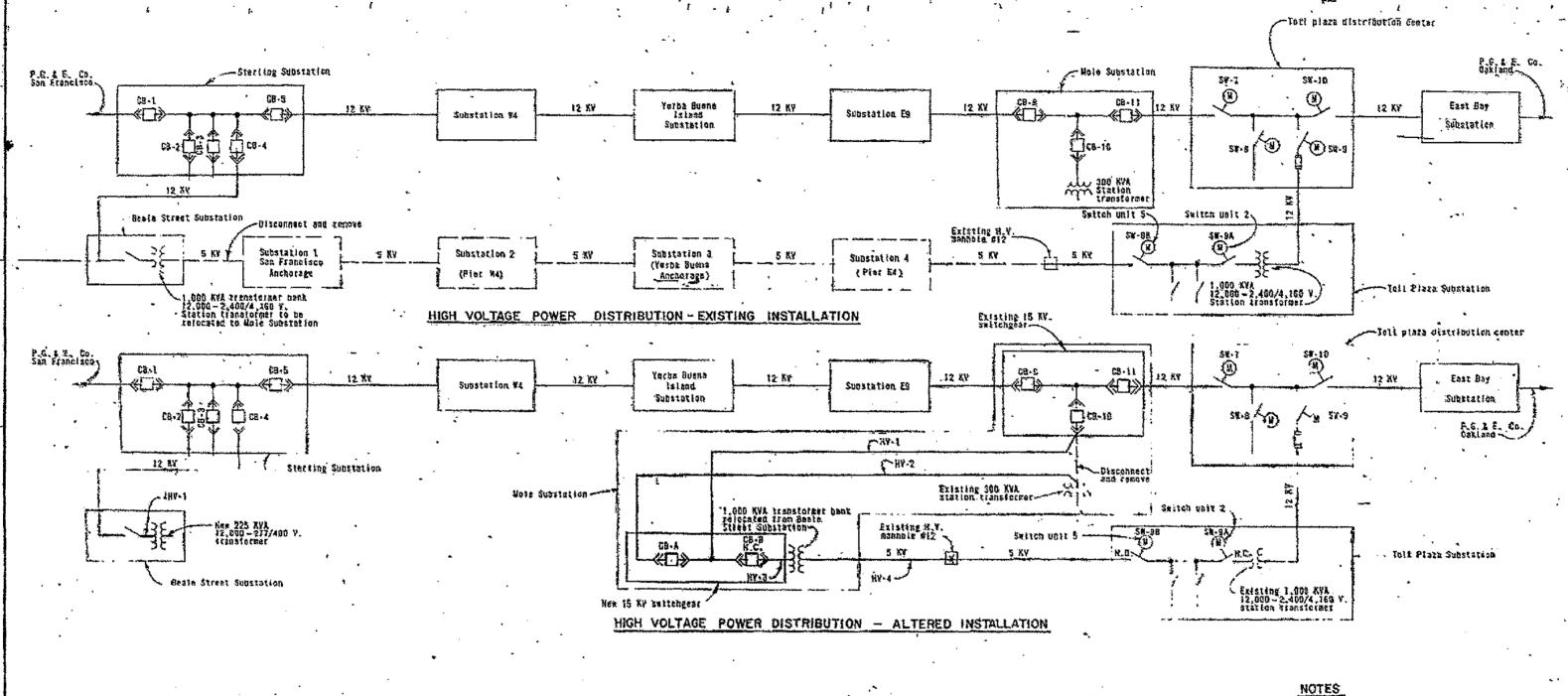






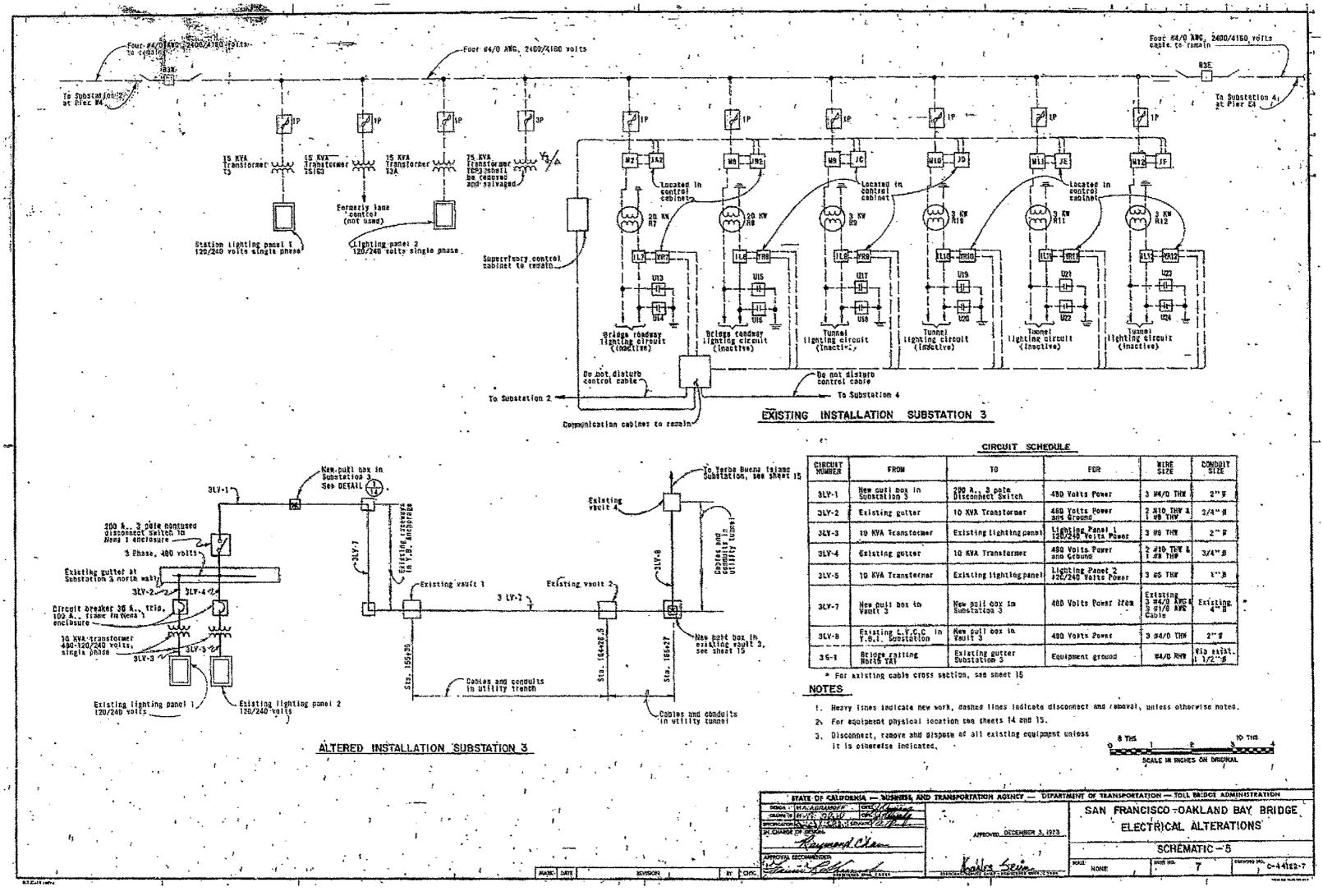


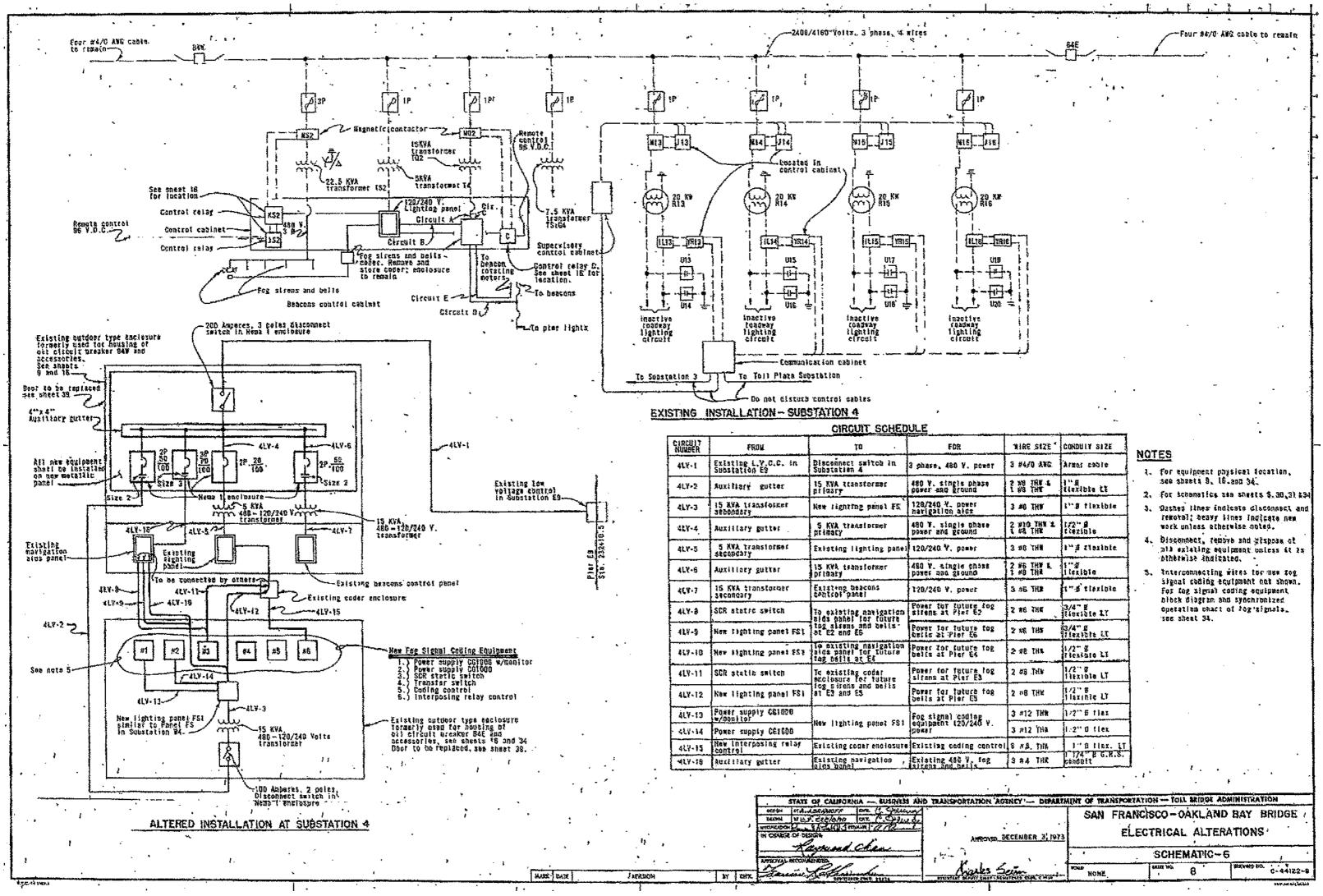


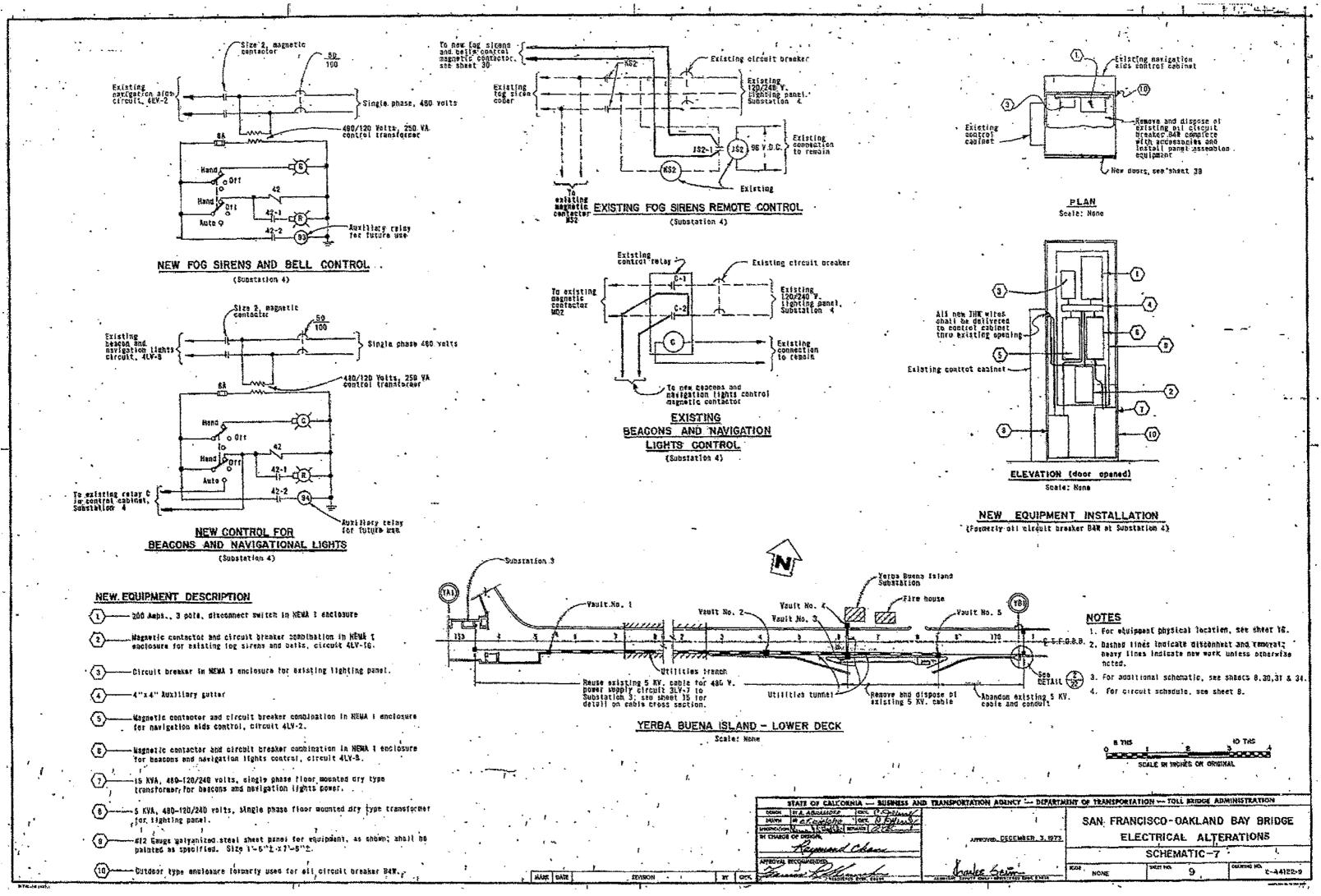


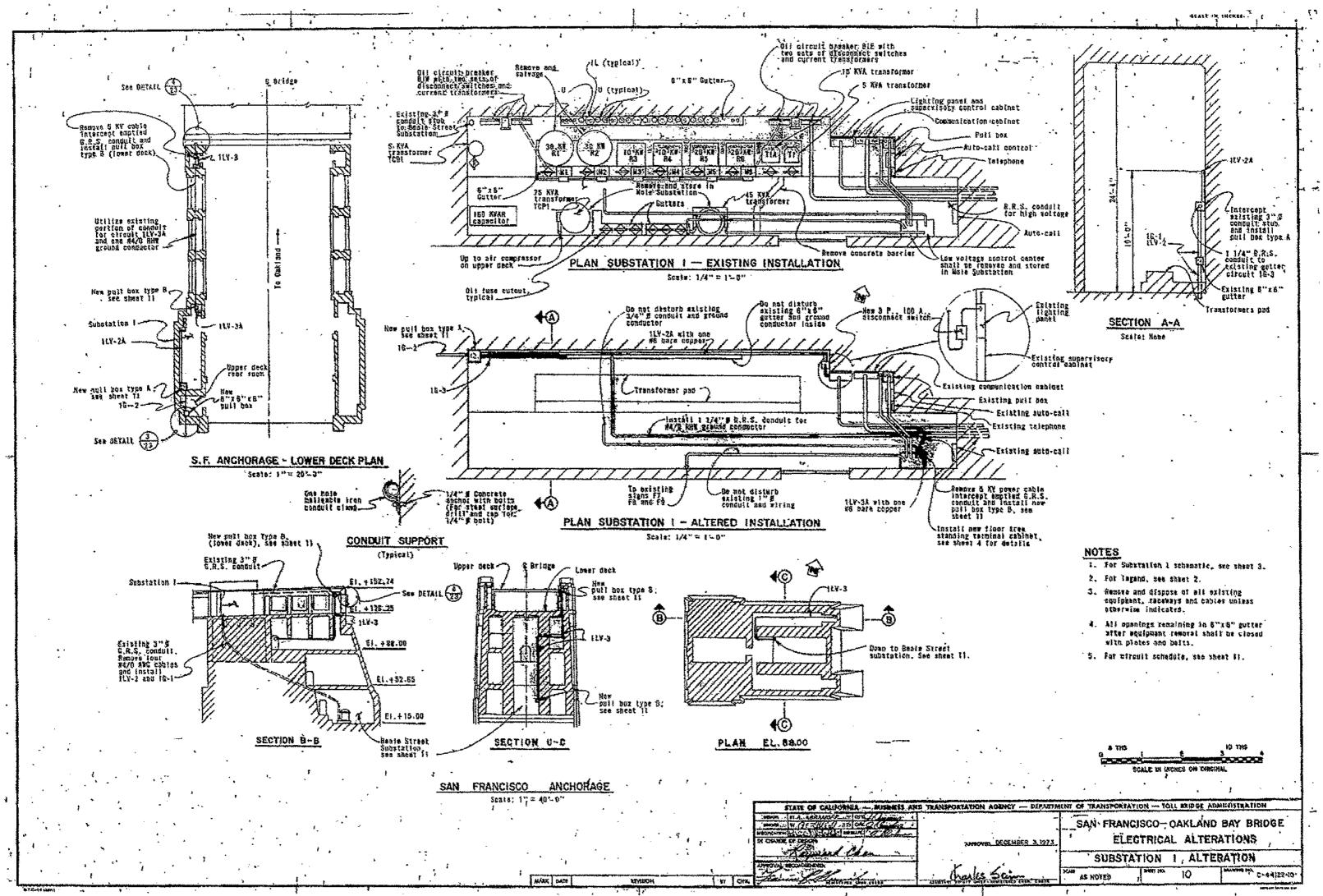
- 1. For circuit schwaula see sheet 3).
- 2. Doshed lines indicate disconnect; heavy times indicate now work unless otherwise
- 3. All work on this slitet as existing except as

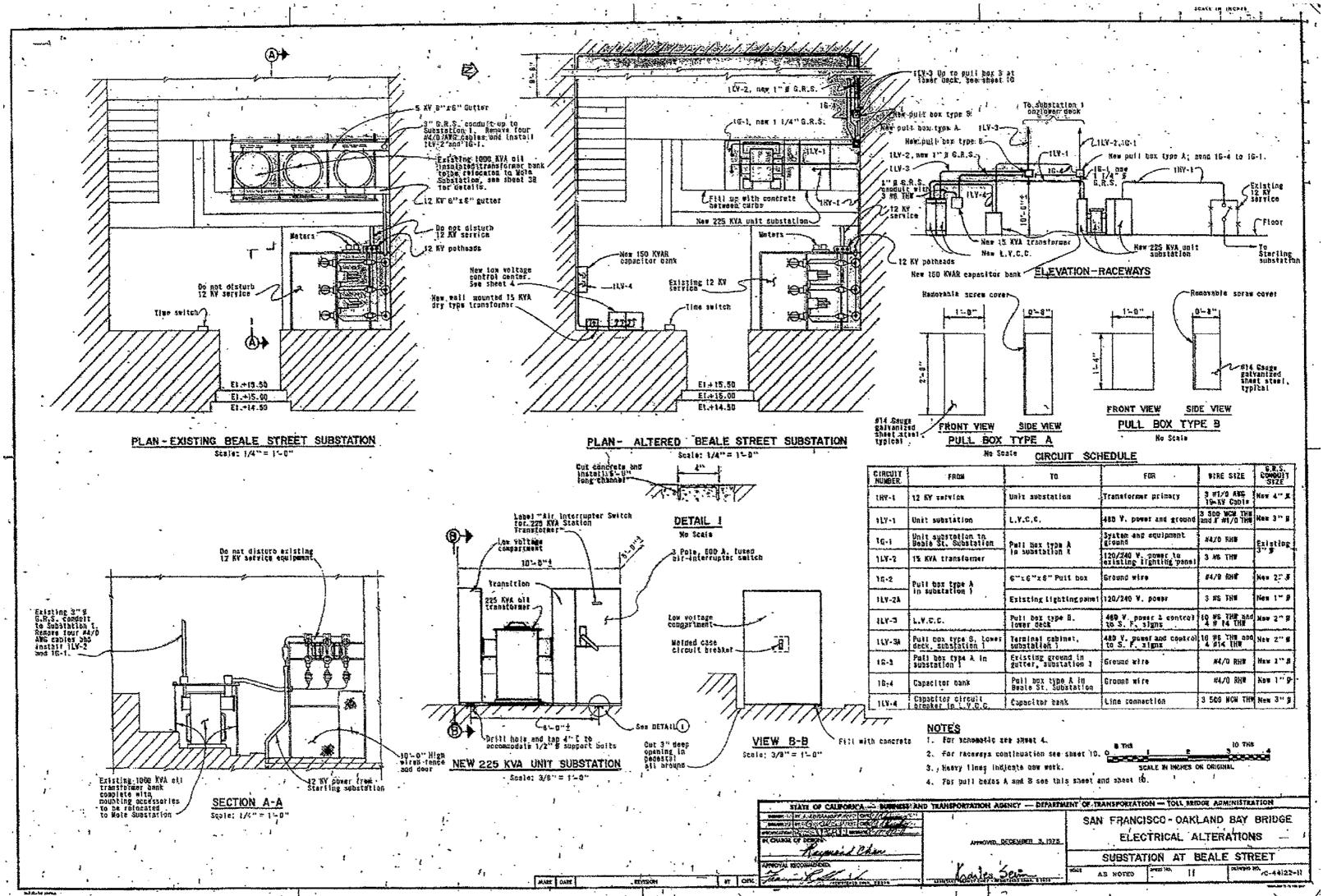
ł	STATE OF CALFORNIA - BUSINESS AN	IN TRANSPORTATION AGENCY - DEPARTME	NE OF TRANSPORTATION - FOLL BEIDGE ADM	ANISTRATION .
`,	BESON : STAN ABRAMOFF OF COM		SAN. FRANCISCO - GAKLAND	BAY BRIDGE
	H CHARLES OF DENCH	APROVED DECEMBER 3,1973	ELECTRICAL ALTERATIONS .	
_	Raignessed Chan		SCHEMATIC - 4	<u> </u>
	The state of the s	COMES DELINI		0*51/10 NO. C-4 4122 S
COLL	Worklasse bede feele	STREET STREET CHEST - STREET COM. CORN.		<del></del>

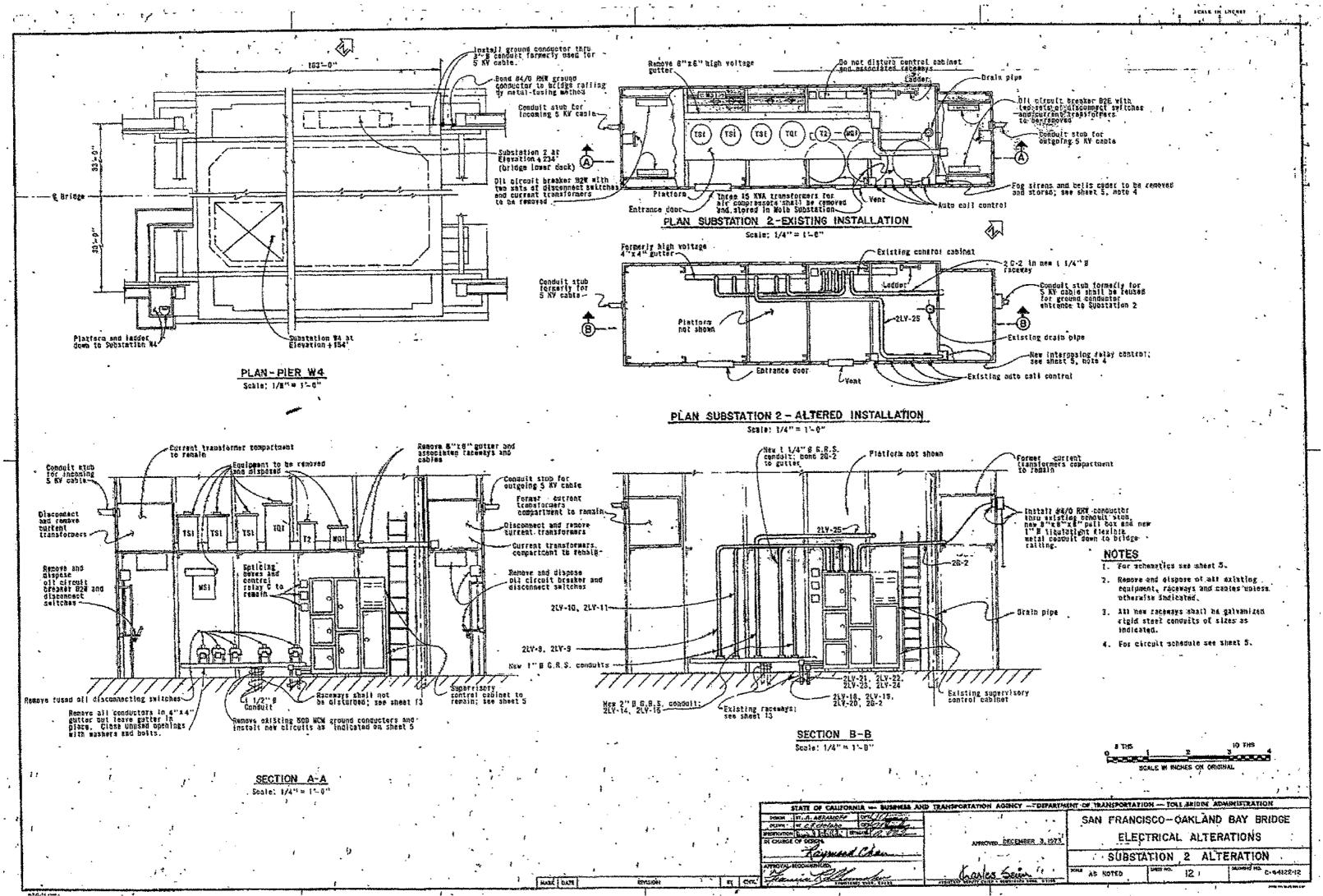


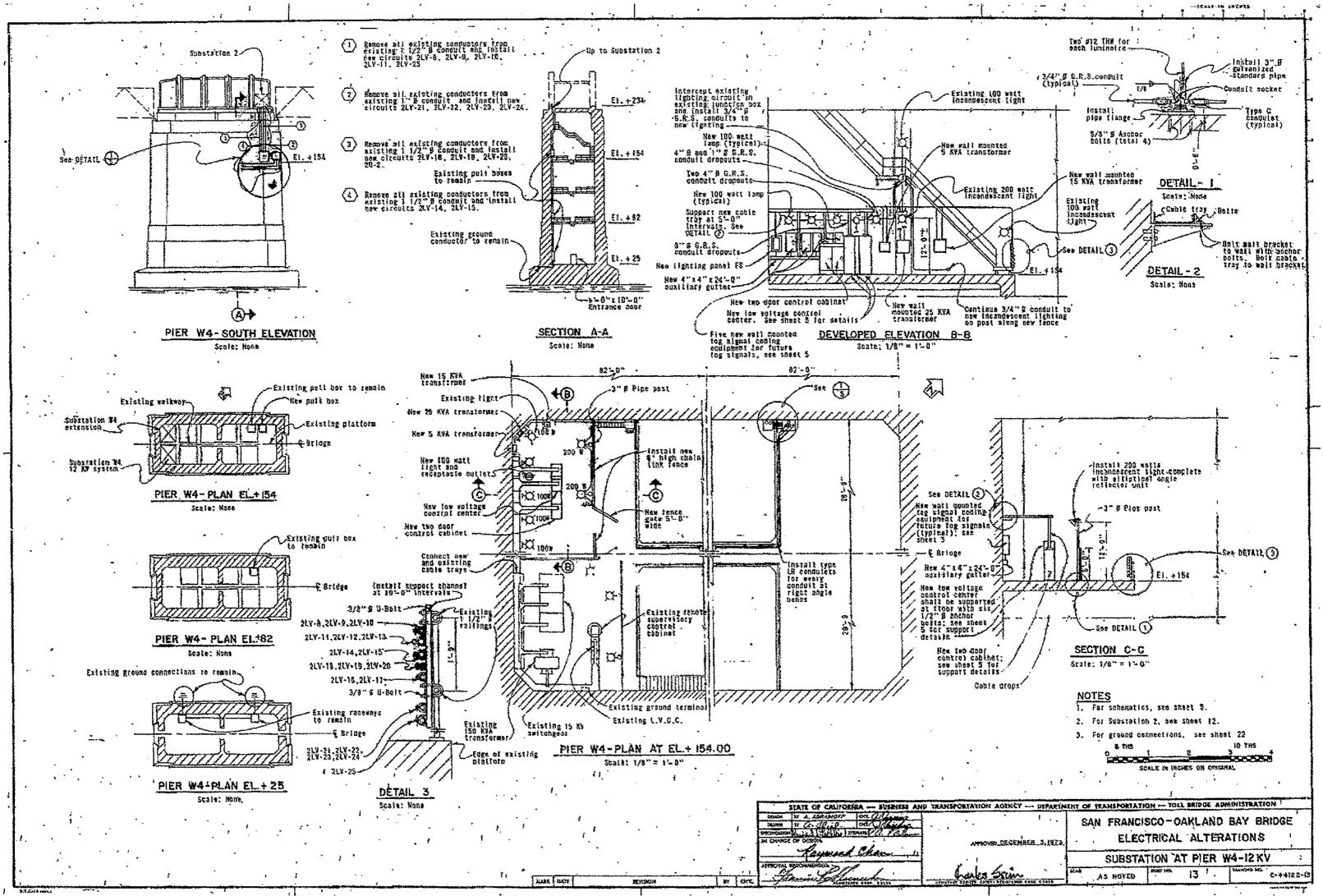


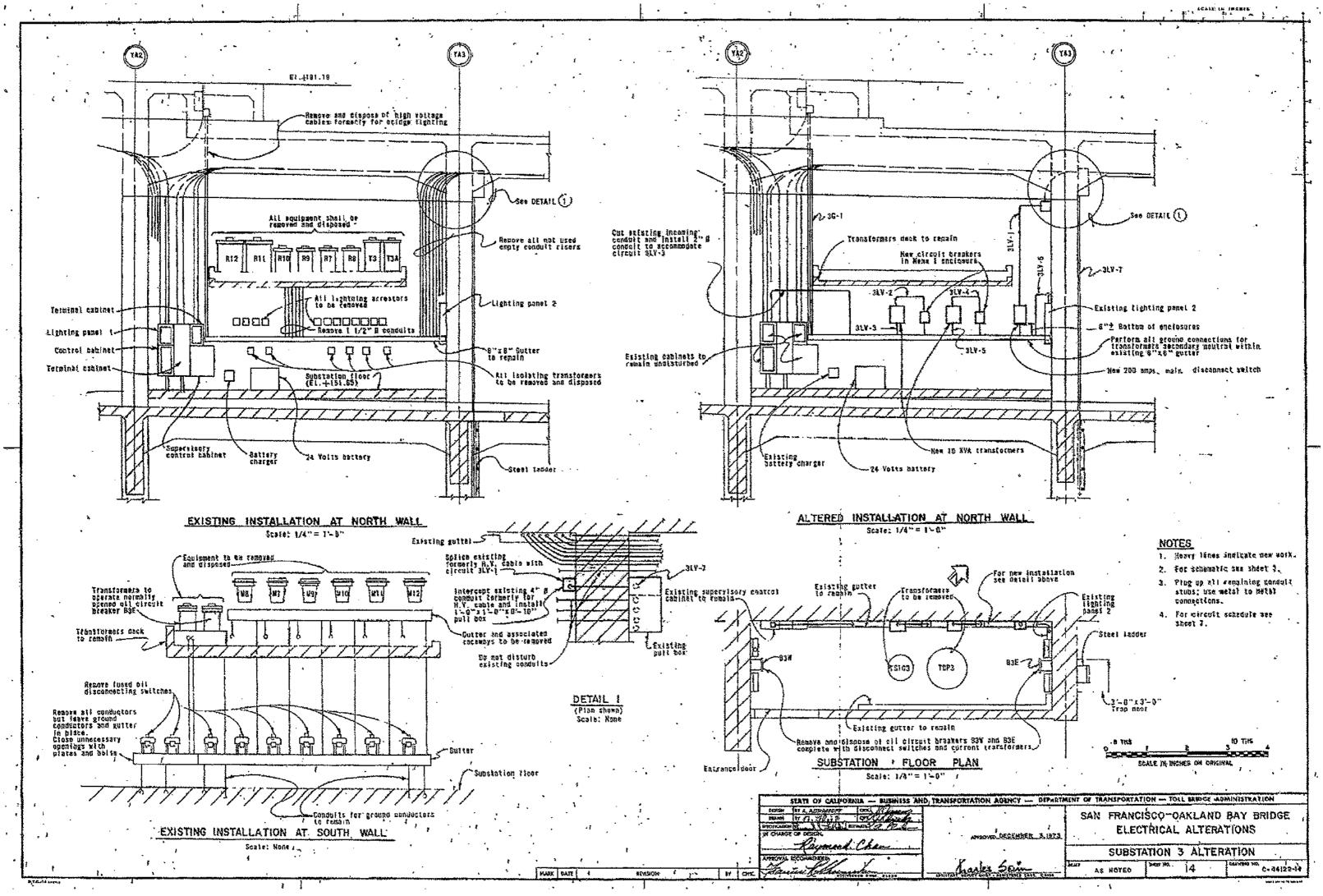


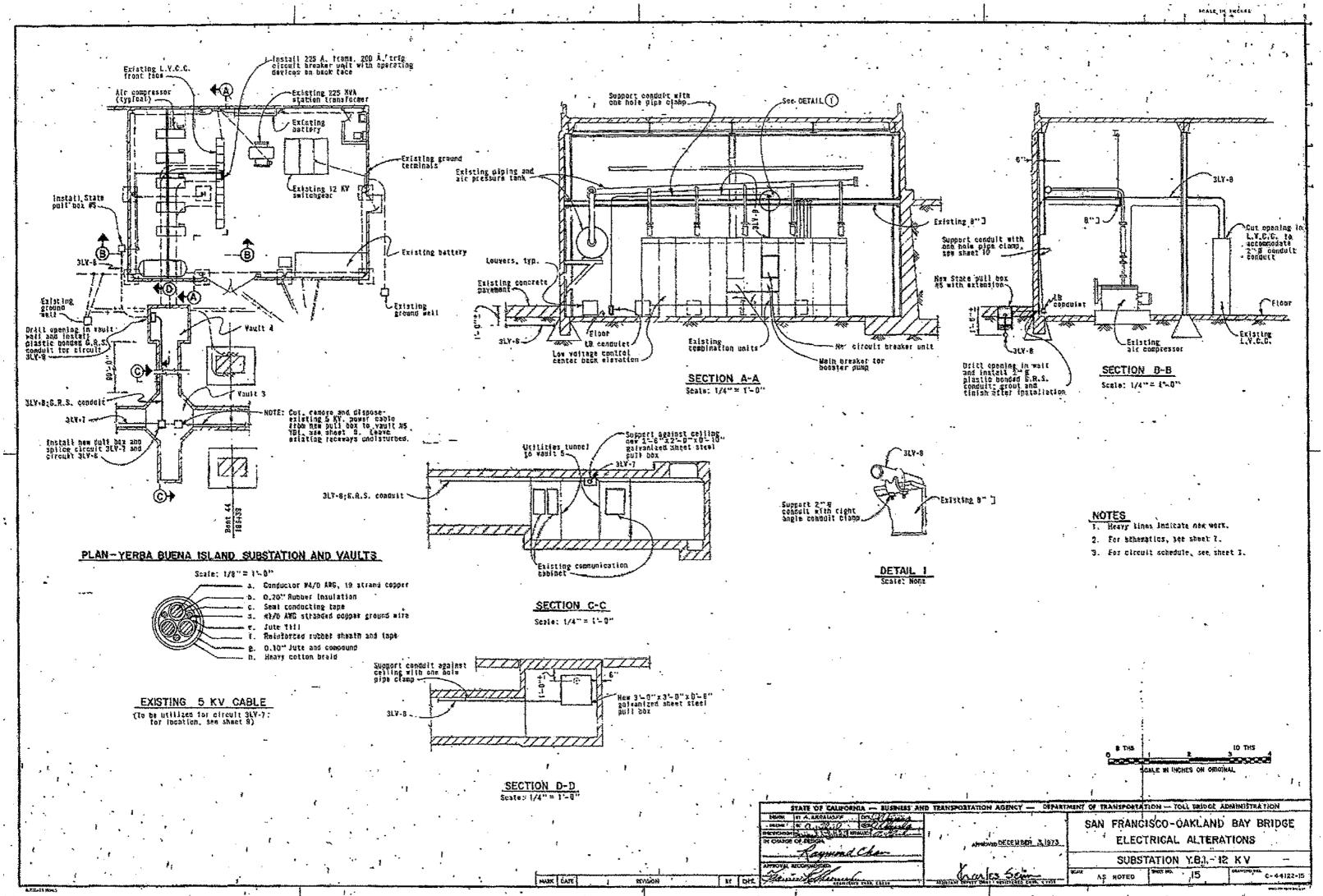


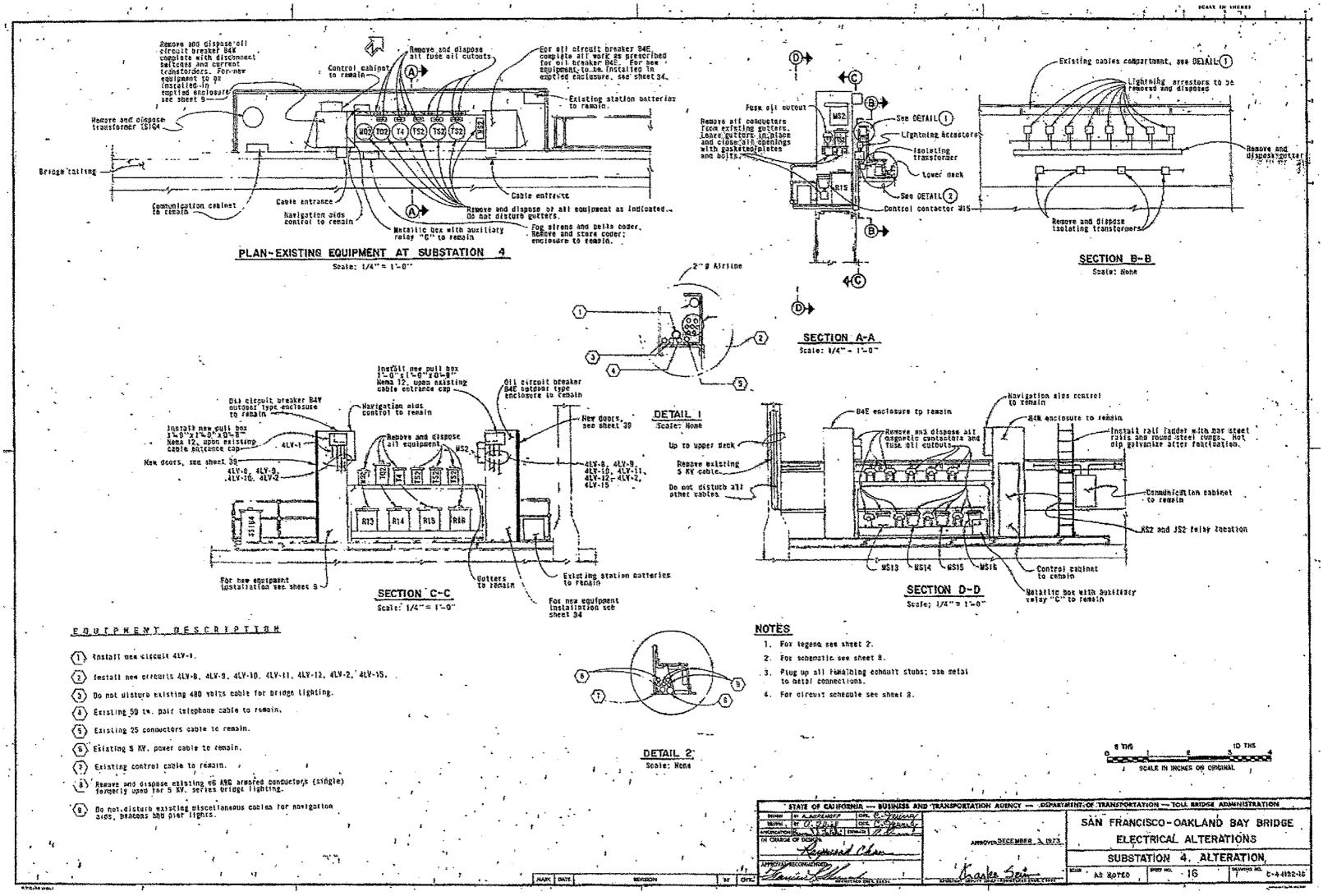


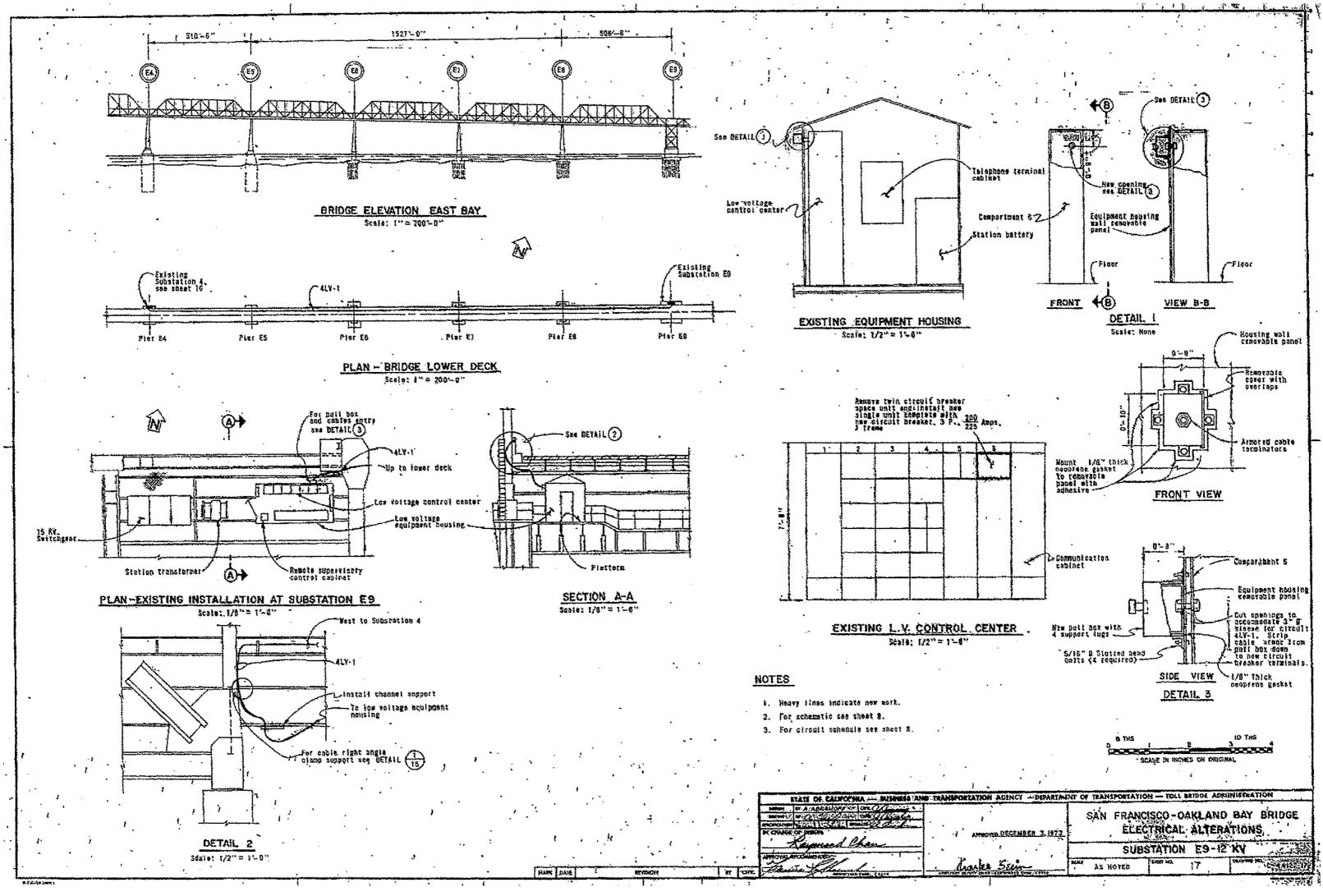


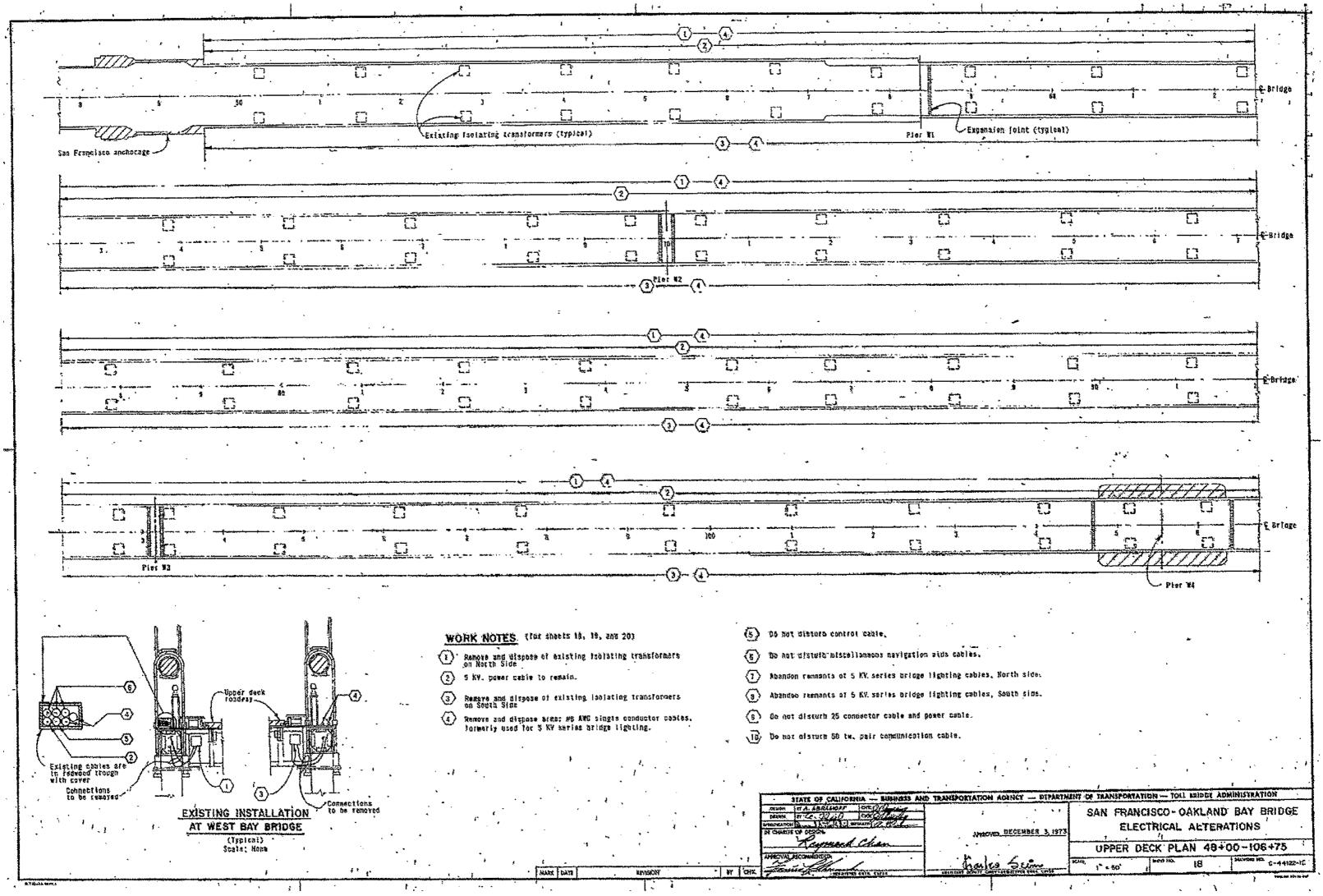


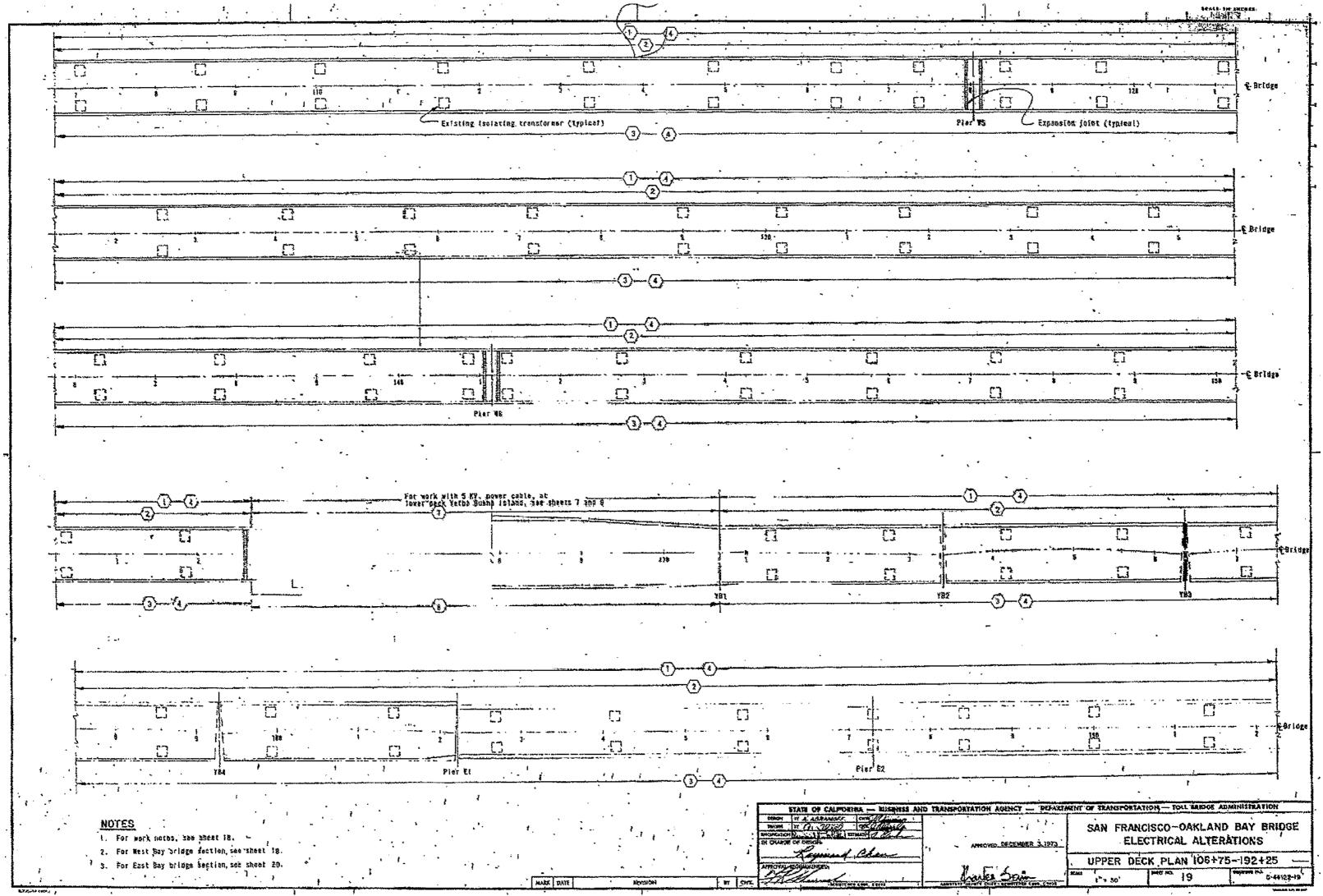


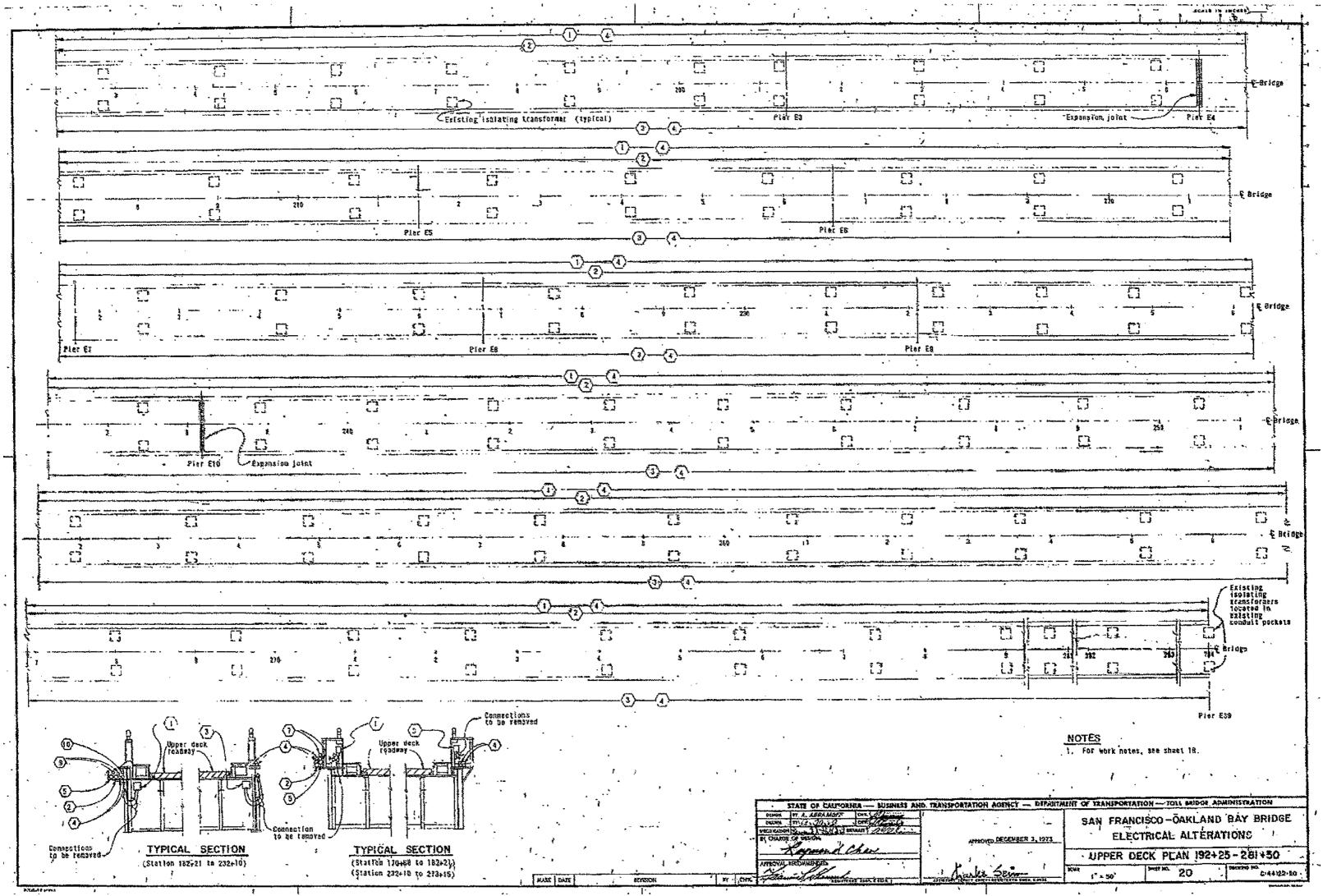


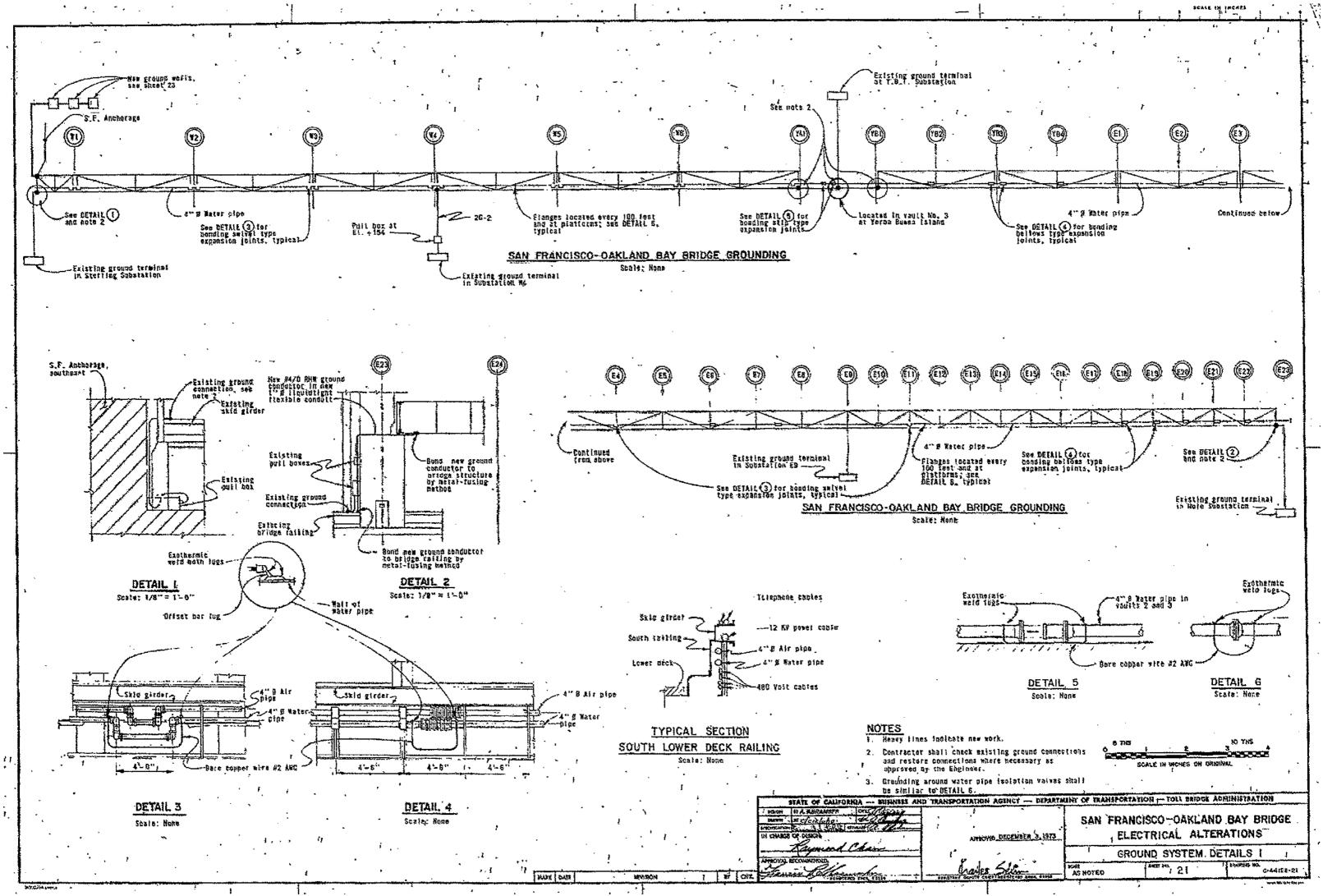


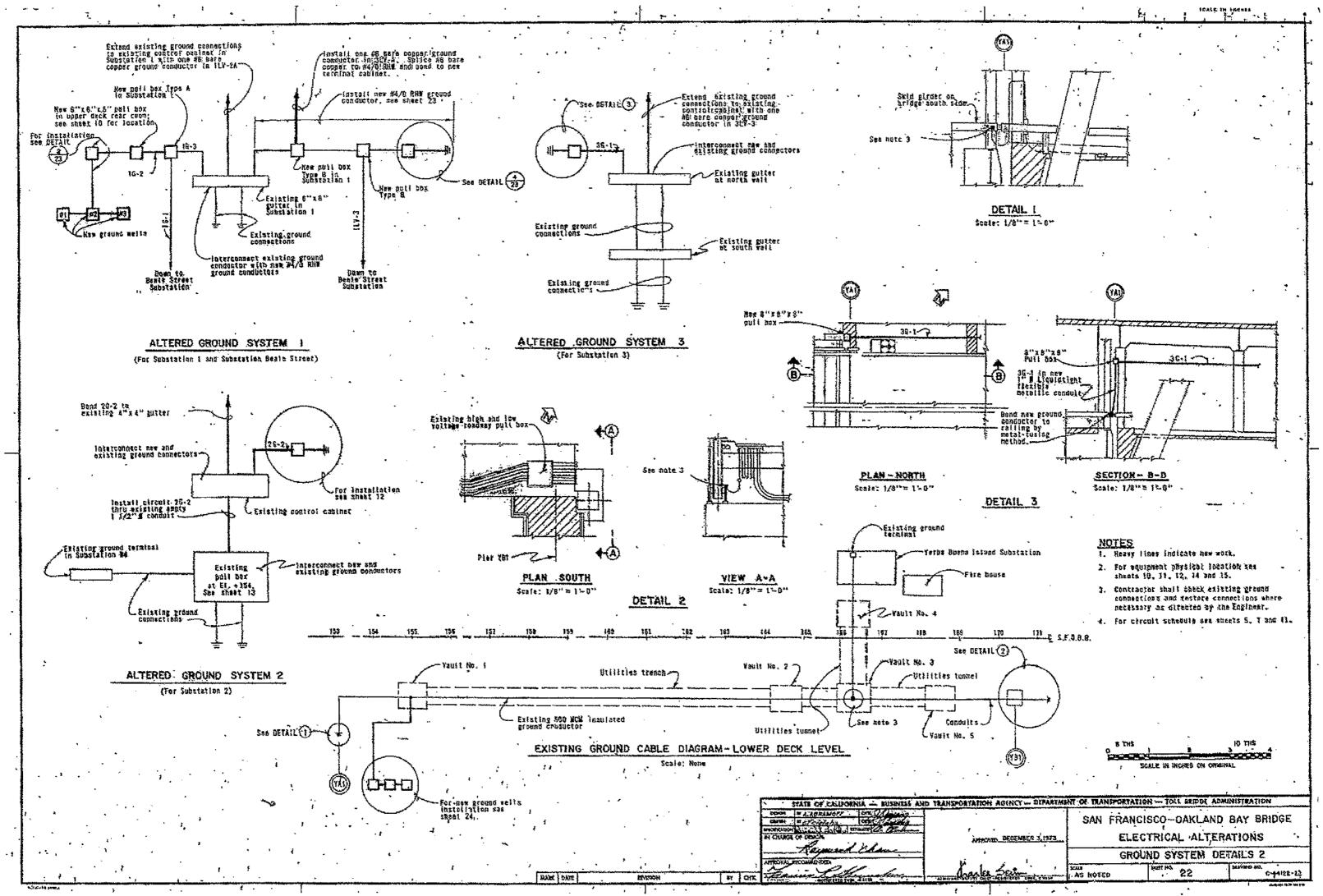


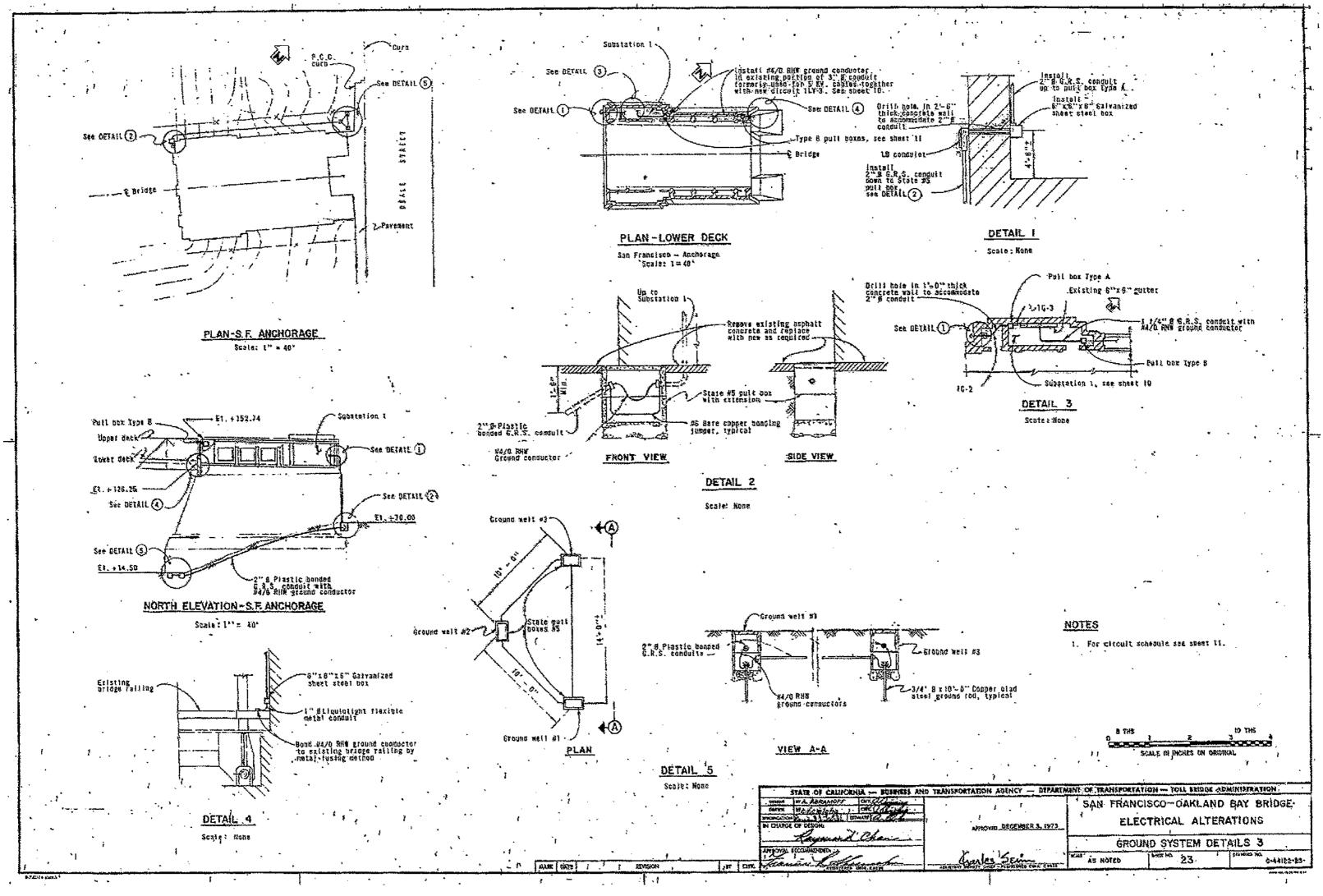


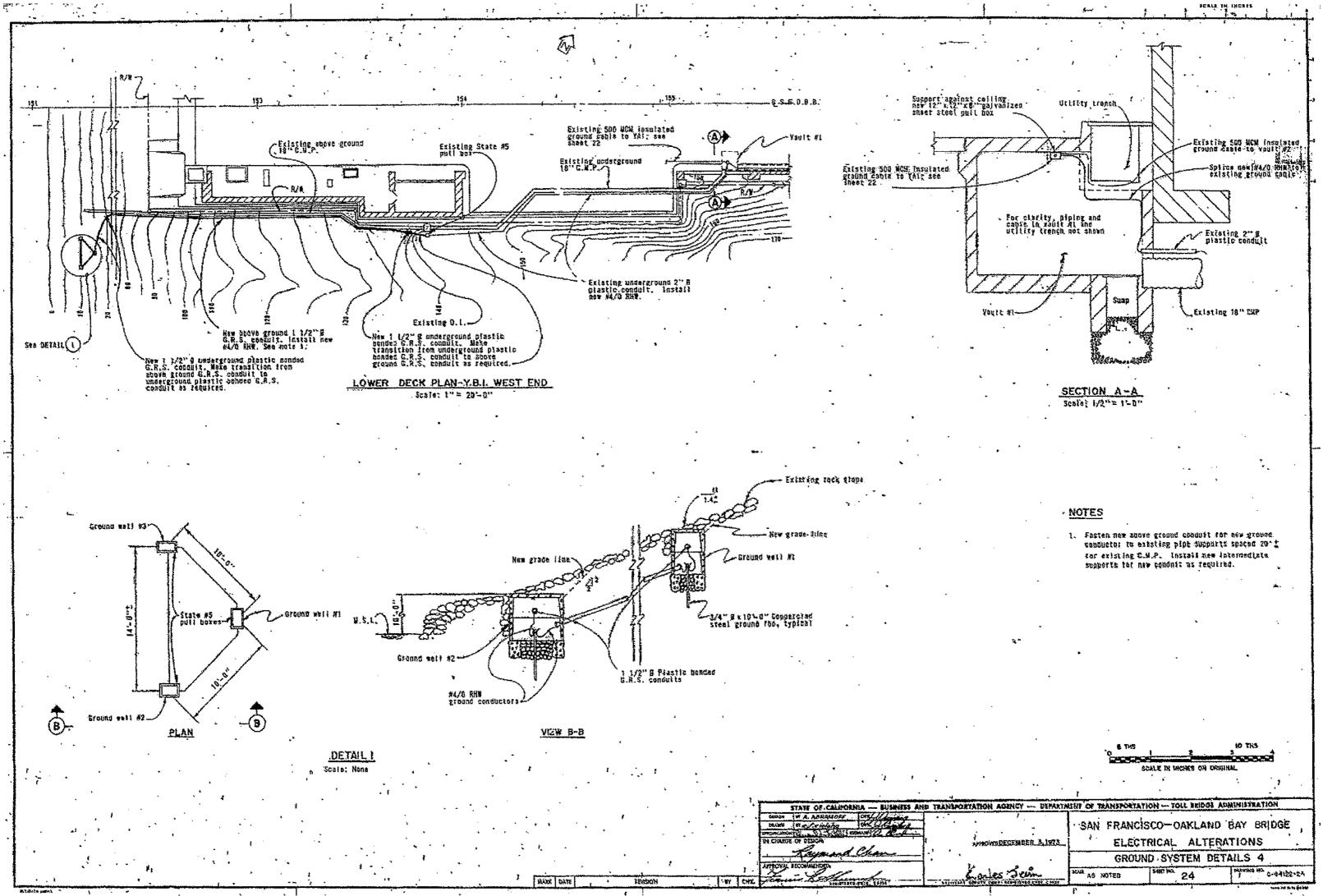


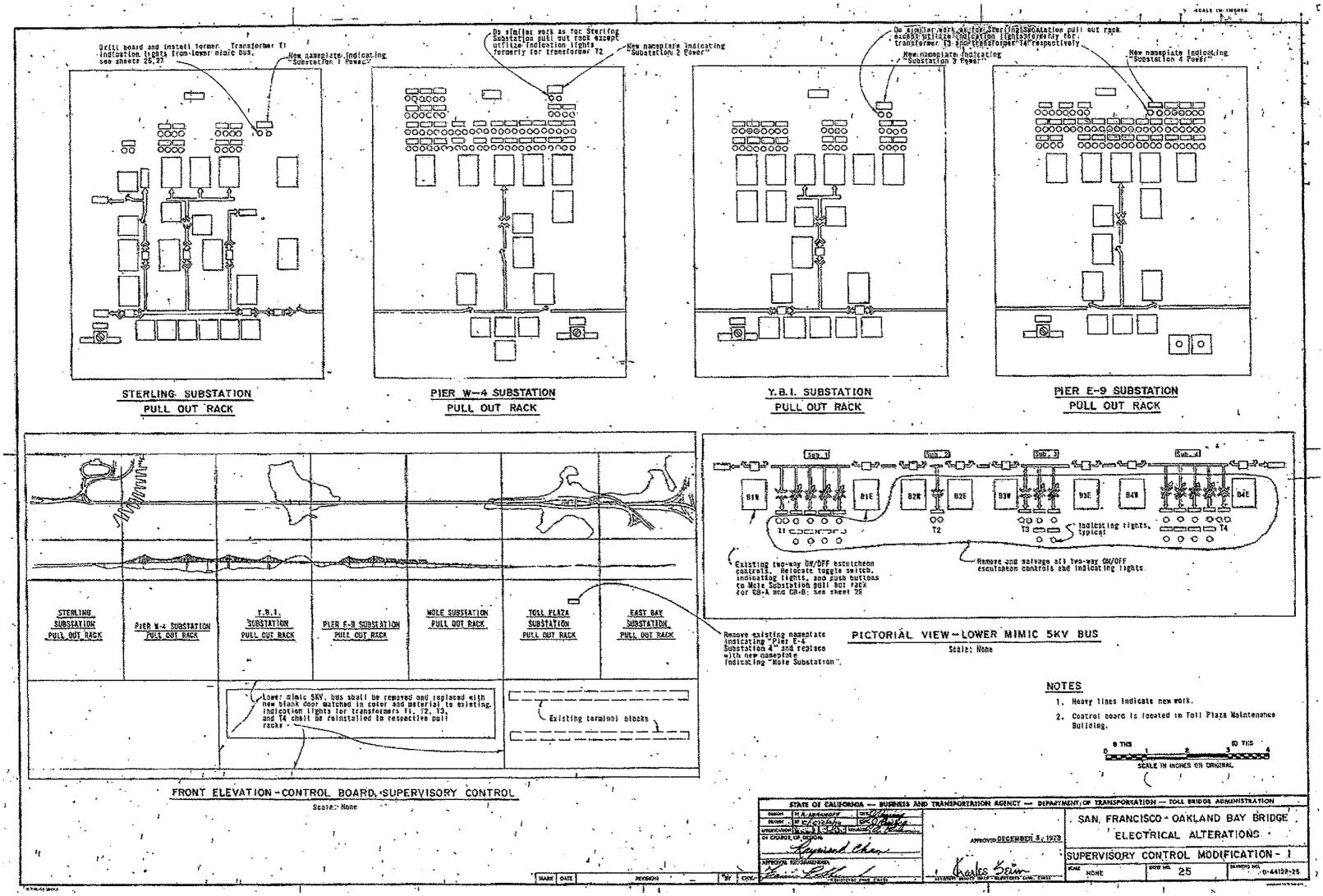








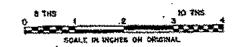




🚣 To replaces indicaring lamps, see sheet 25 ' To lower minic 5 KV. bus Te existing ascutcheon control -Loups 12 V.G.C. WIR THE 읎 Existing terminal coord, see sheets 25 and 27. CONTROL AND INDICATOR PANEL - PARTIAL DIAGRAM

#### NOTES

- t. Heary times indicate her work; dashed fines indicate removals.
- 2. For legend see sheet 2.
- 3. For equipment focation sem sheet 25.



STATE OF CALVORNIA — BUSINESS AND TRANSPORTATION AGENCY — DEPARTMENT OF TRANSPORTATION — TOLL ETIDGE ABMINISTRATION

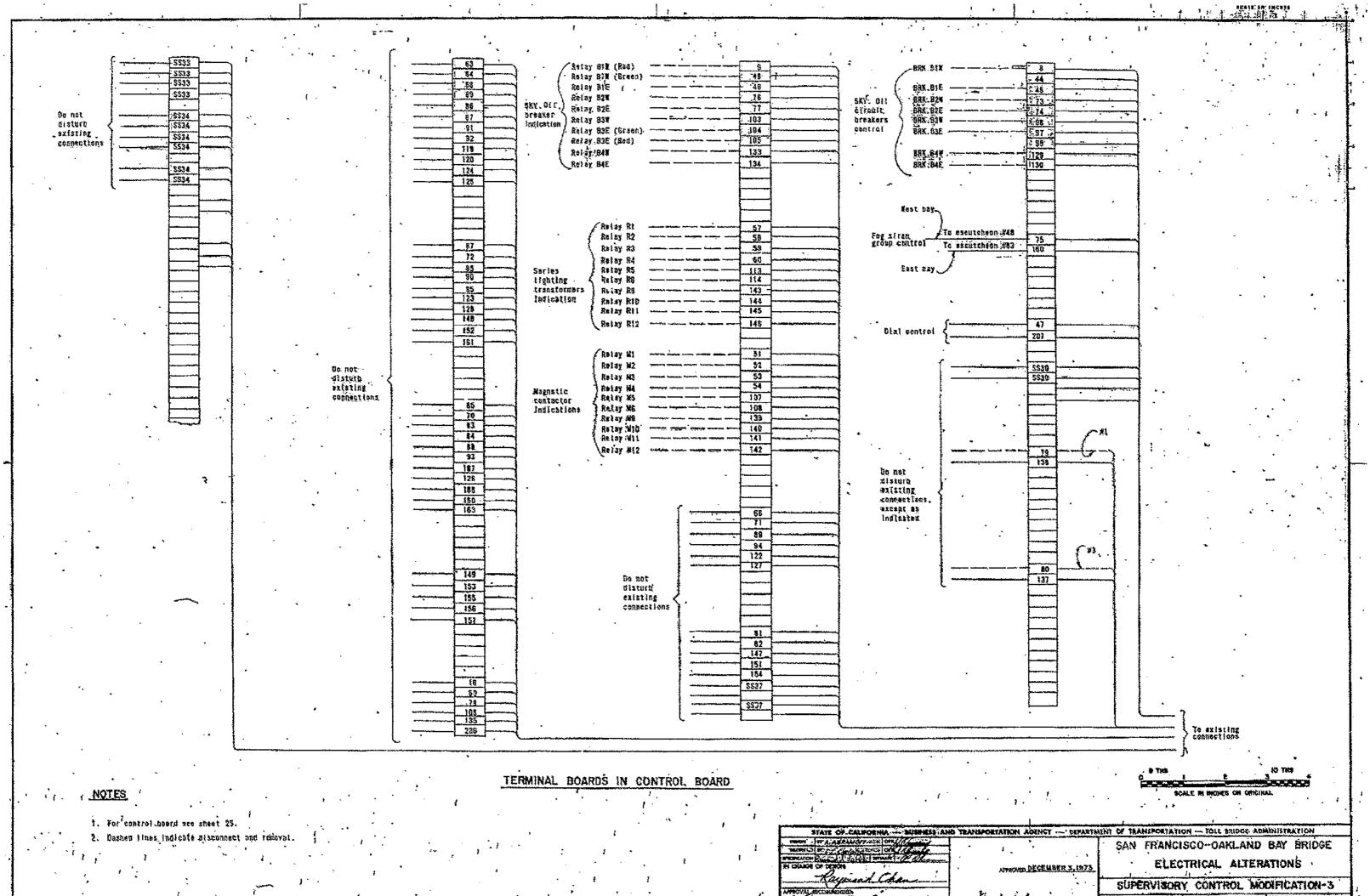
HOW THE CARRAMOSE TO TOLOGO ABMINISTRATION AGENCY — DEPARTMENT OF TRANSPORTATION — TOLL ETIDGE ABMINISTRATION

SAME TO TOLOGO ABMINISTRATION AGENCY — DEPARTMENT OF TRANSPORTATION — TOLL ETIDGE ABMINISTRATION

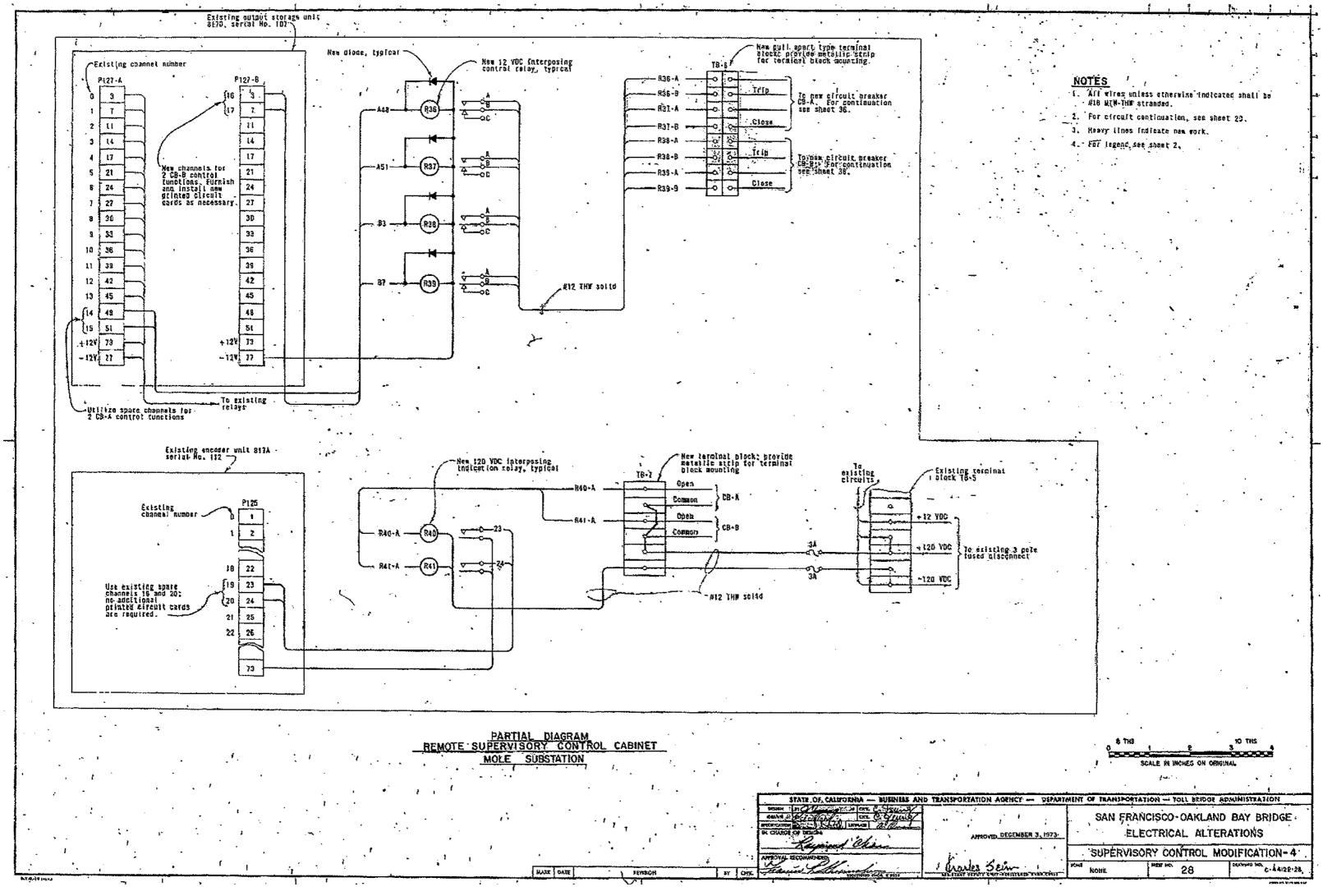
SAME TO TOLOGO ABMINISTRATION AGENCY — DEPARTMENT OF TRANSPORTATION — TOLL ETIDGE ABMINISTRATION

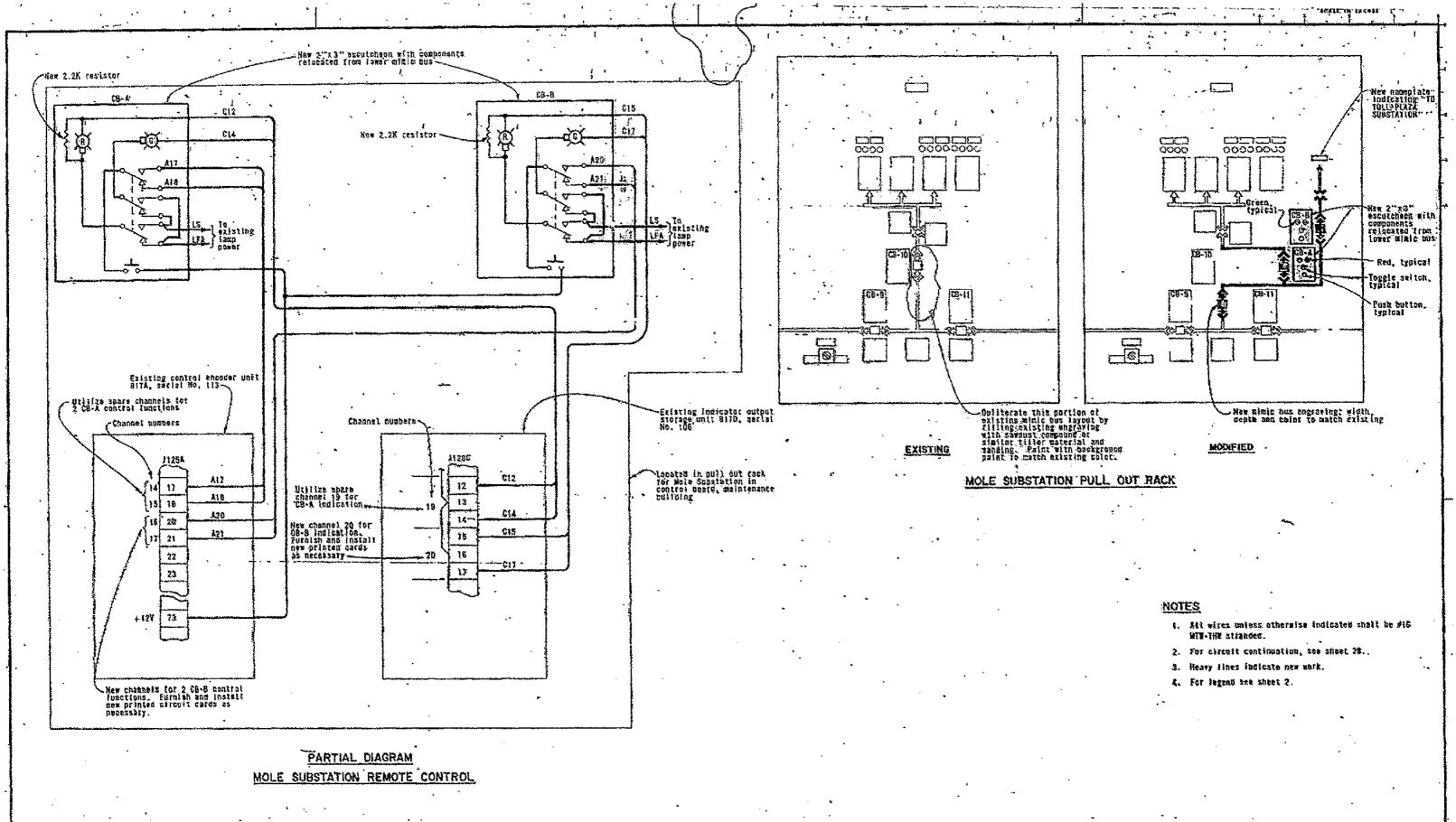
SAME TO TOLOGO ABMINISTRATION

SAME TOLOGO ABMINISTRA



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SCALE IN CHOICES ON ORIGINAL

STATE OF CALIFORNIA — BUSINESS AND TRANSPORTATION AGENCY — DEPAREMENT OF WANSPORTATION.—TOLE BRIDGE ADMINISTRATION

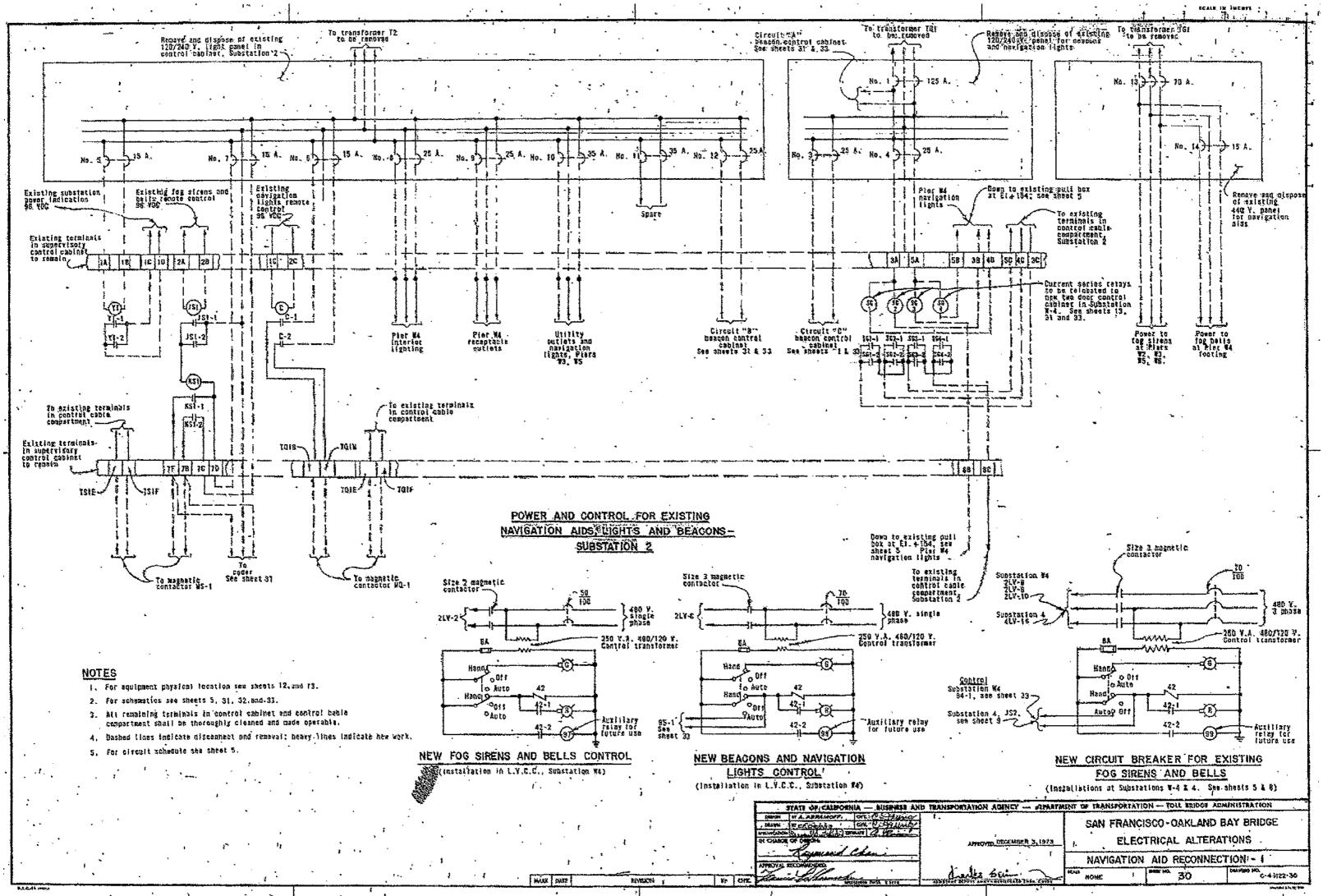
MINOR OF CALIFORNIA — BUSINESS AND TRANSPORTATION AGENCY — DEPAREMENT OF WANSPORTATION.—TOLE BRIDGE ADMINISTRATION

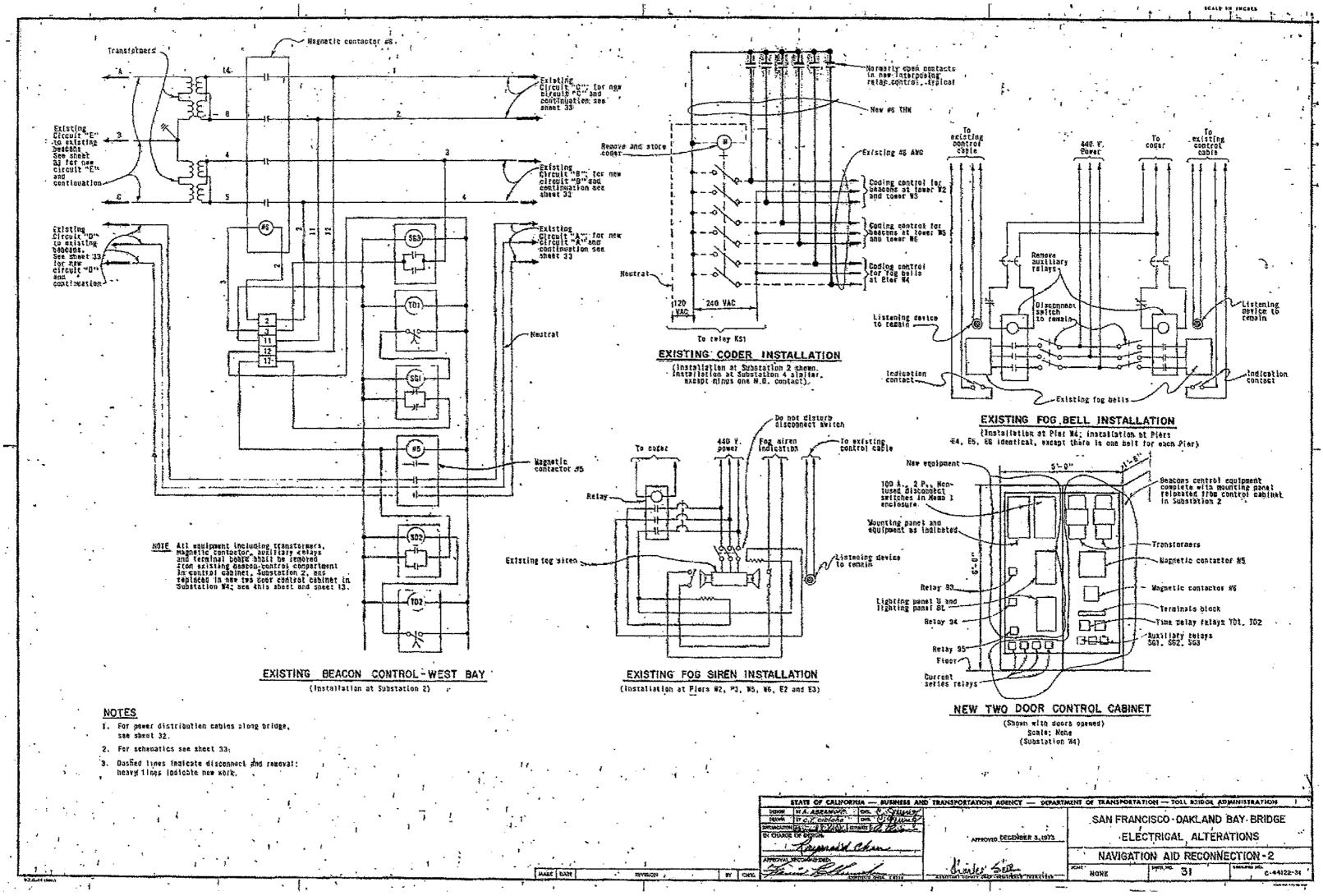
SAN FRANCISCO - OAKLAND BAY BRIDGE .

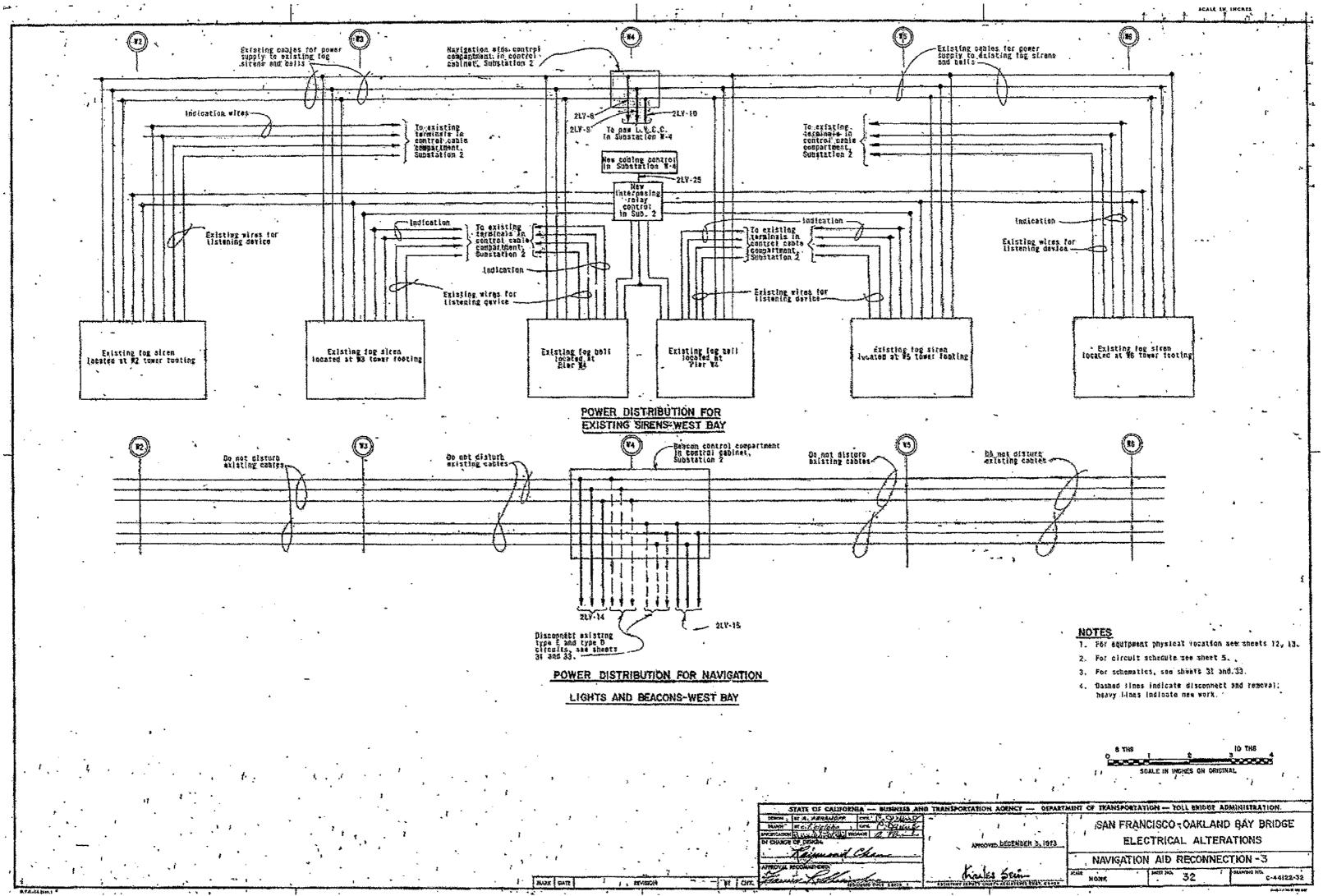
BUSINESS OF COUNTROL MODIFICATION - 5

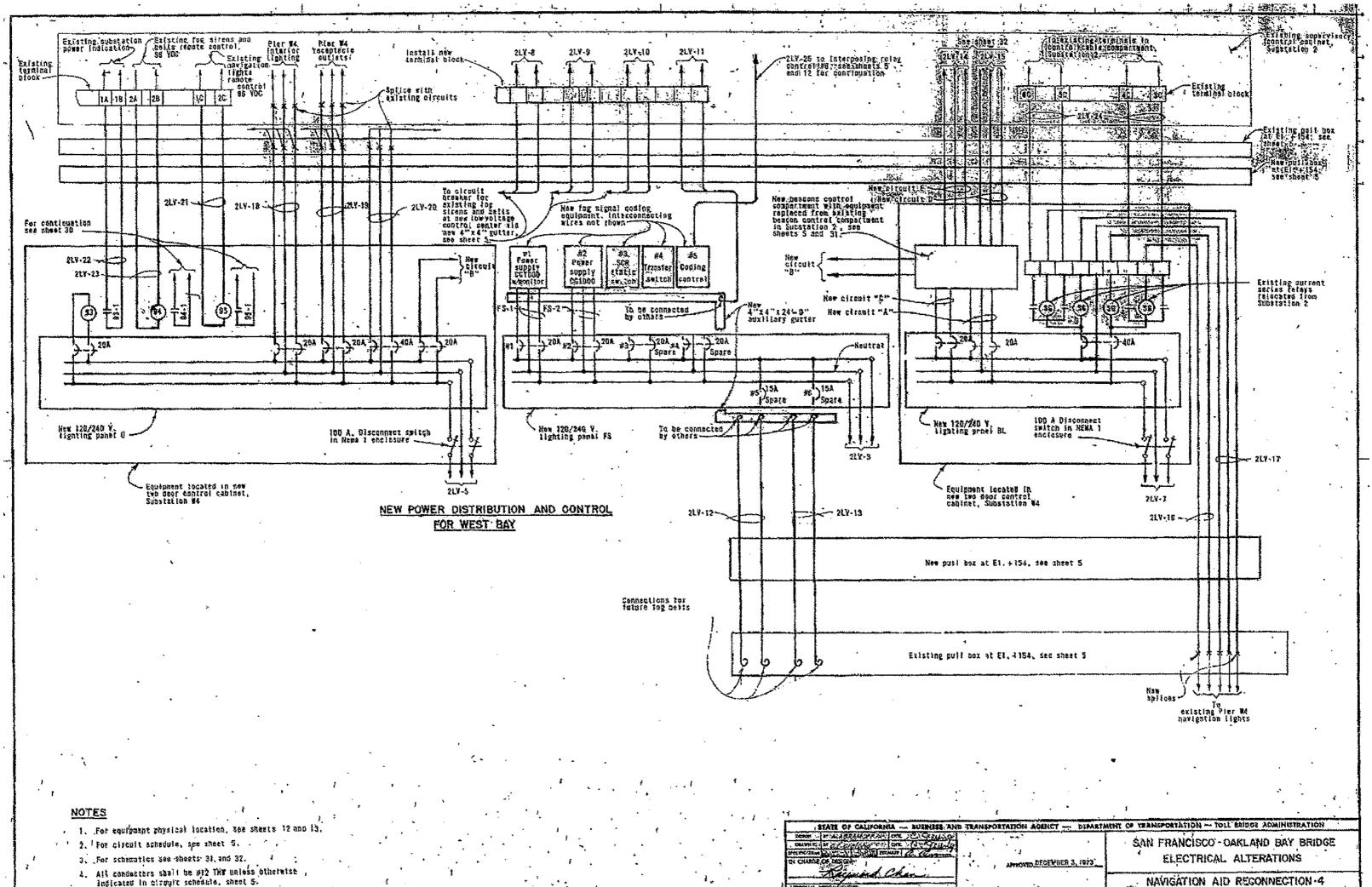
SUPERVISORY CONTROL MODIFICATION - 5

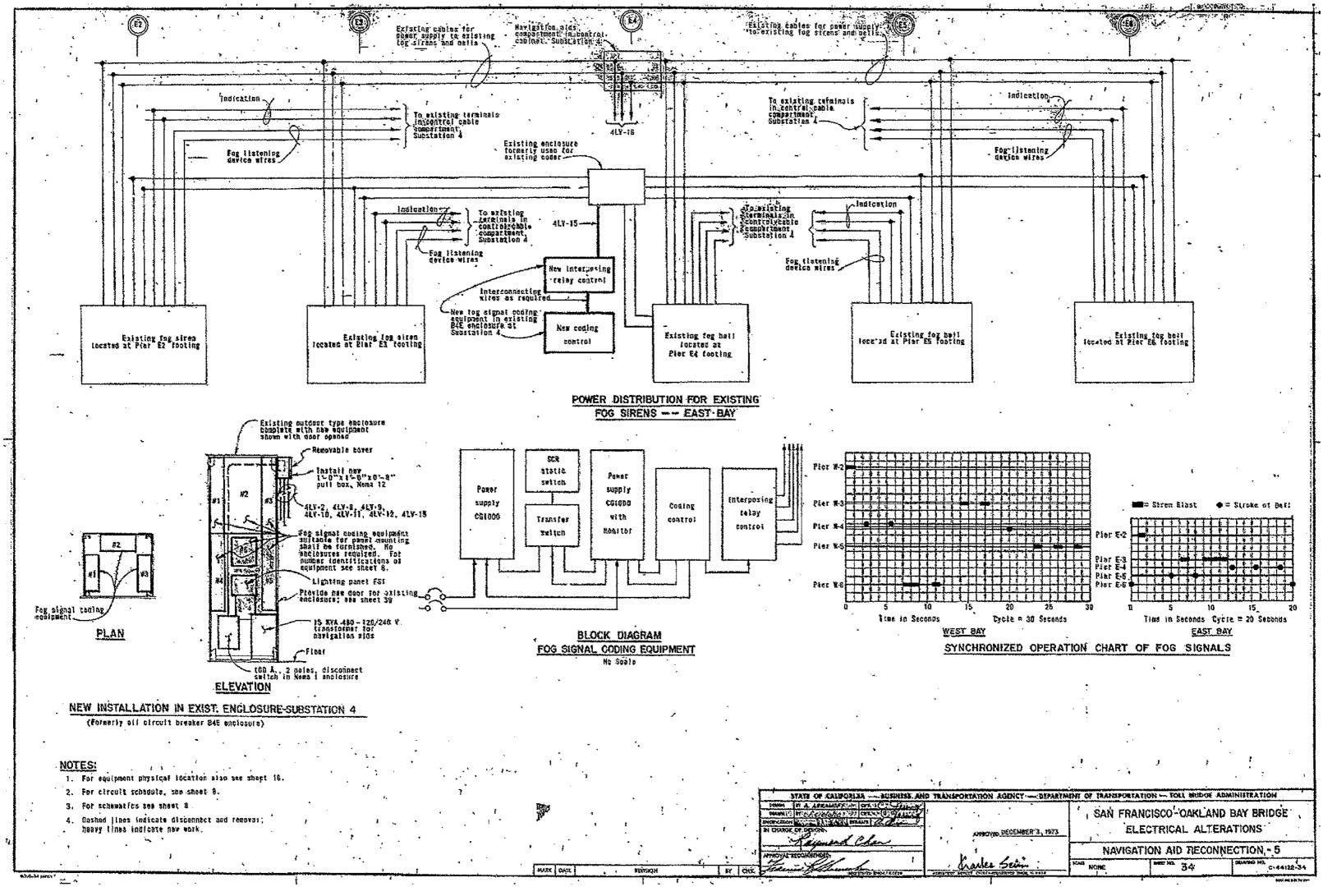
HOME DEPART 29 . CONTROL MODIFICATION - 5

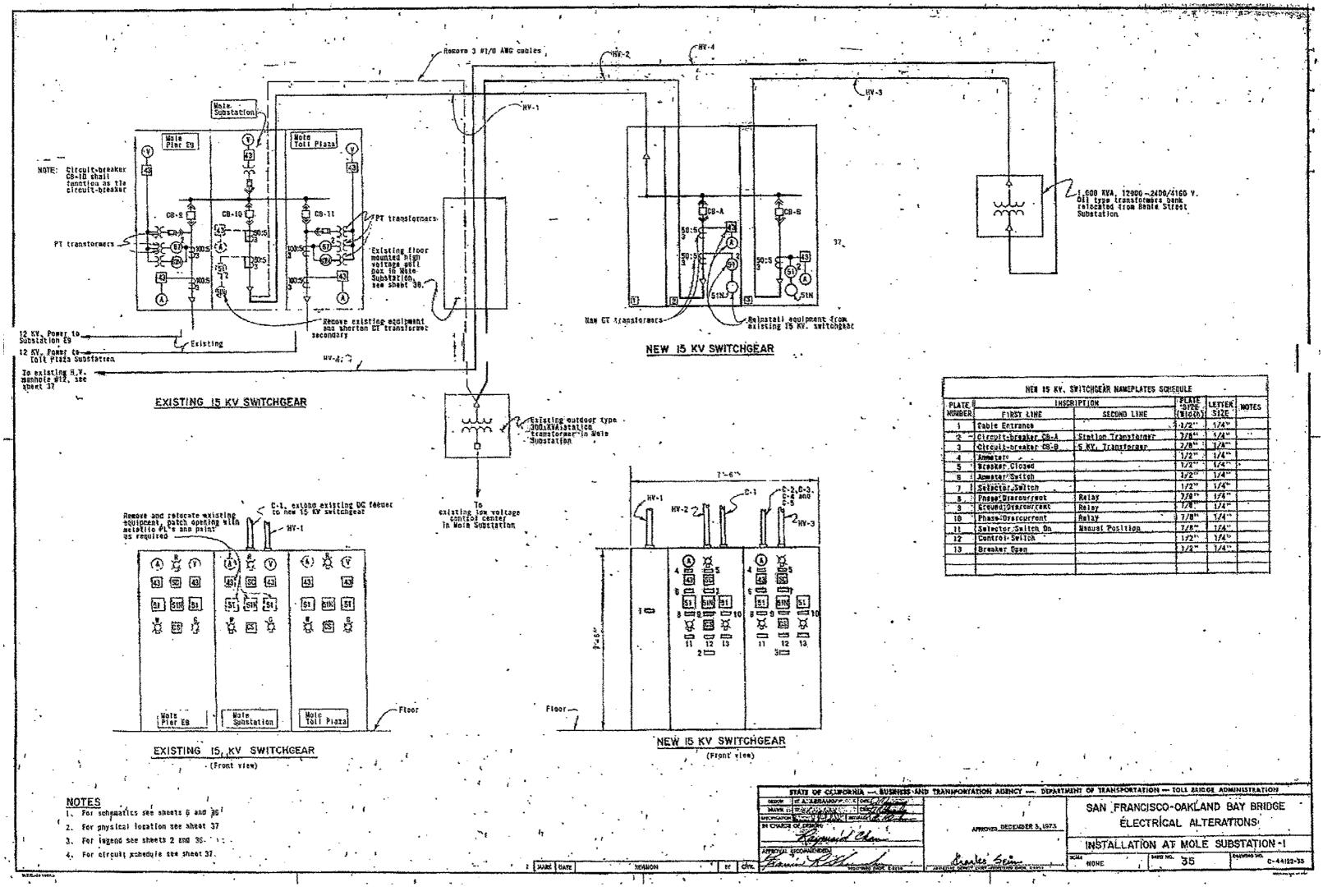


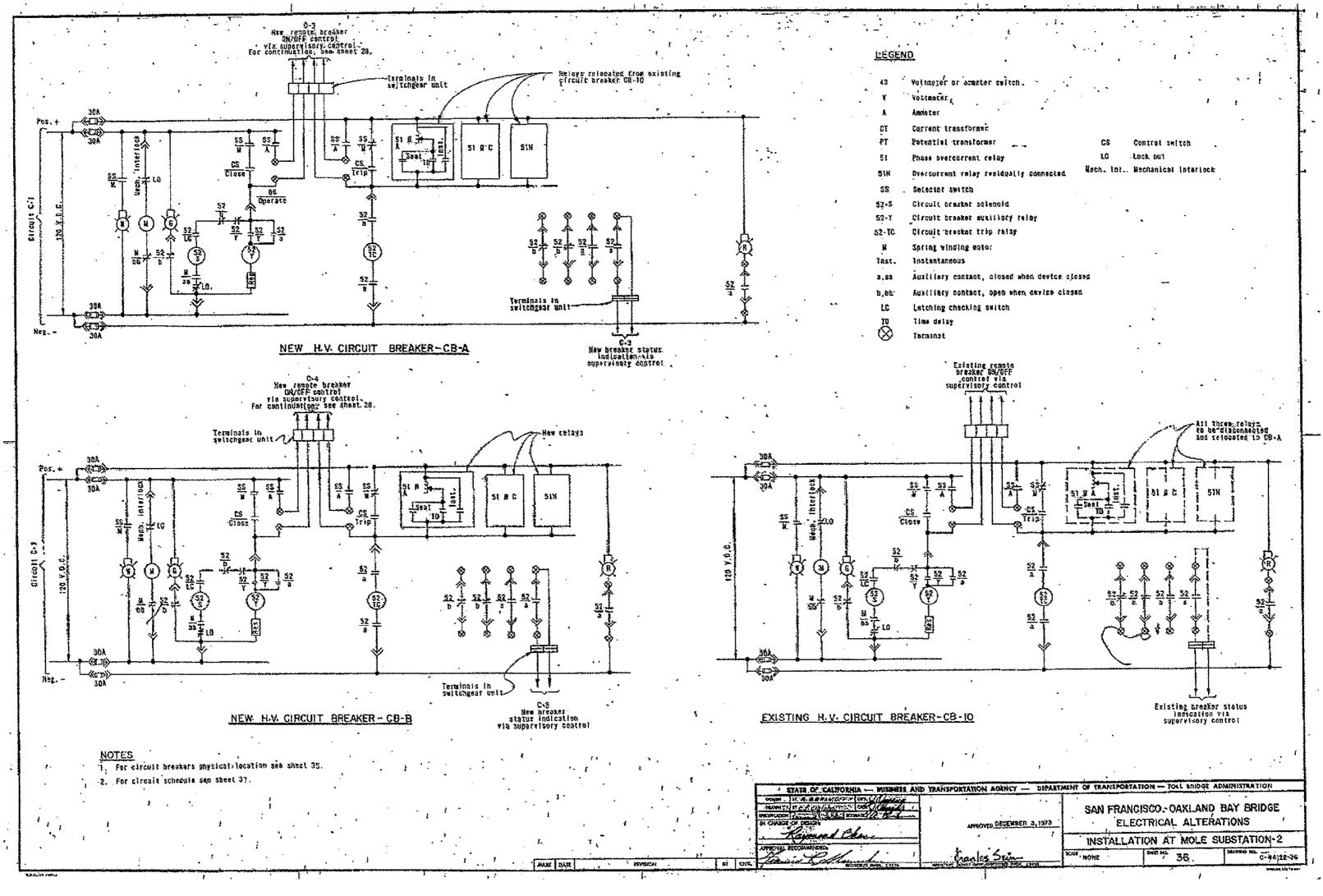


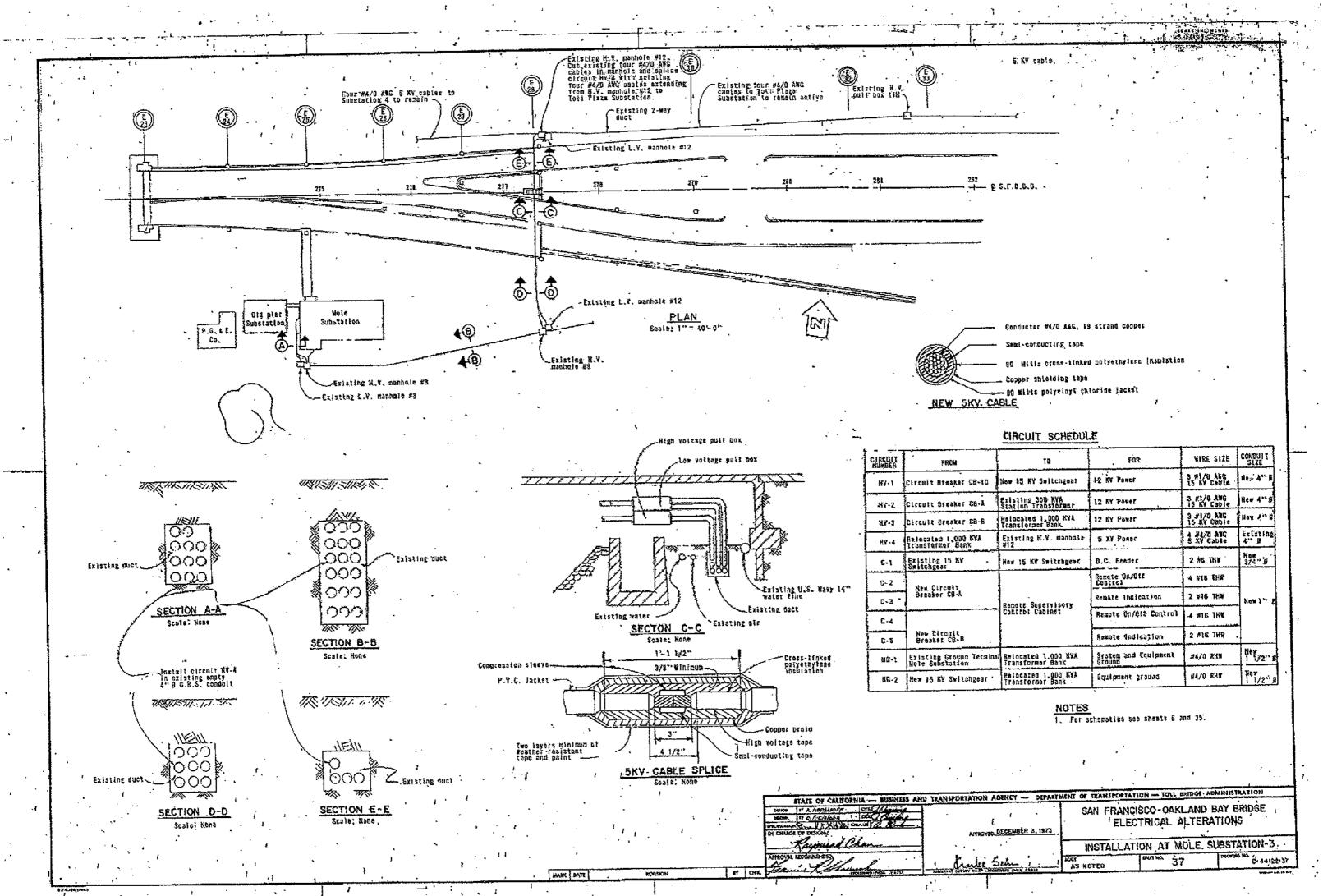


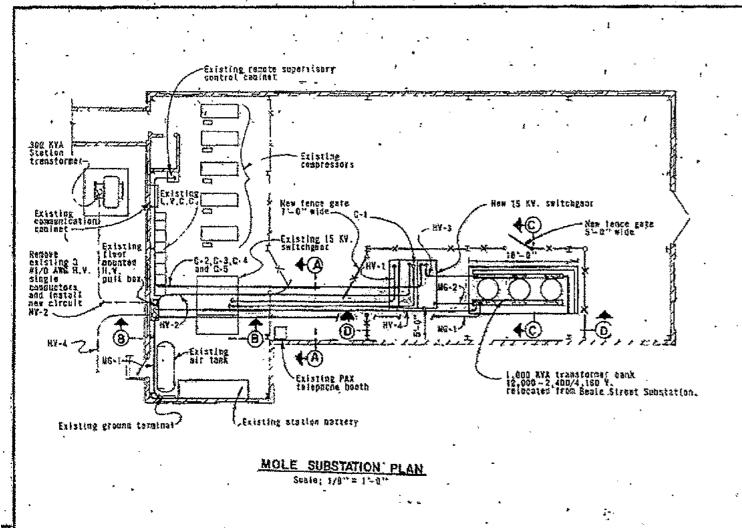


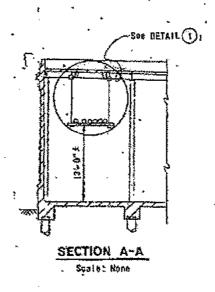


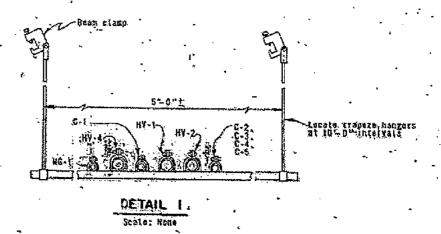


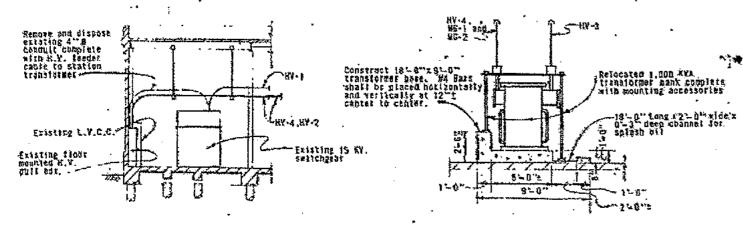


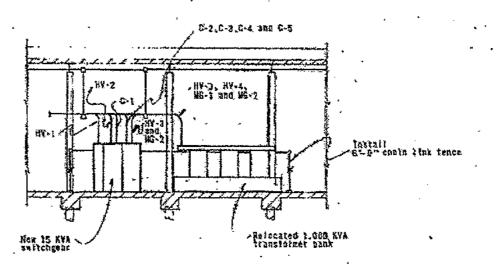












1. for circuit schooute, see sheet 31.

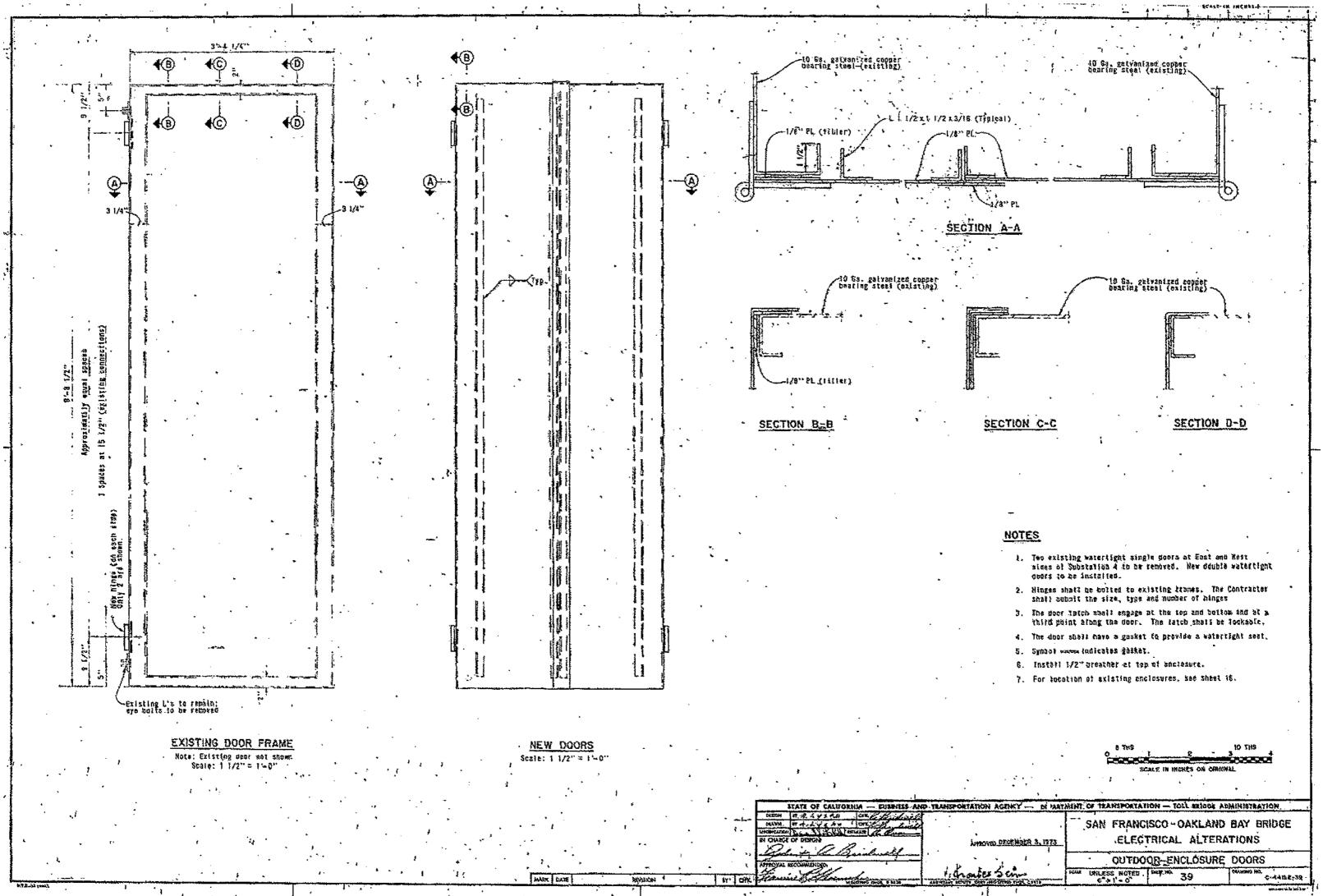
2. For schematic, see themts 8.35 and 38.

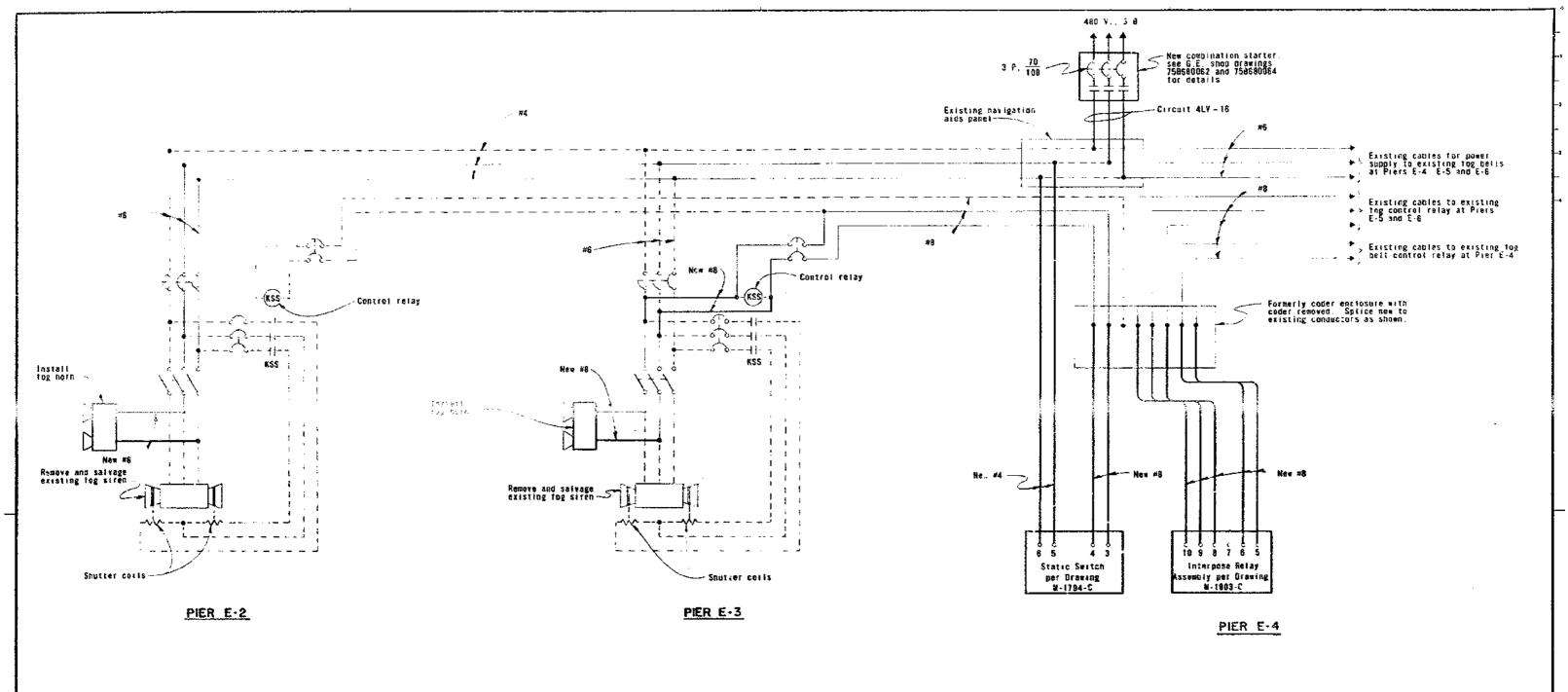
SECTION B-B Scala: Nobe

SECTION C+C Scale: Mone

SECTION D-D Scale: None

> state of Calpornia — Eusinits and transfortation agency — department of transportation— foll esiods administration SAN FRANCISCO - OAKLAND BAY BRIDGE ELECTRICAL, ALTERATIONS APPROVED DECEMBER 3, 1573 INSTALLATION AT MOLE SUBSTATION-4





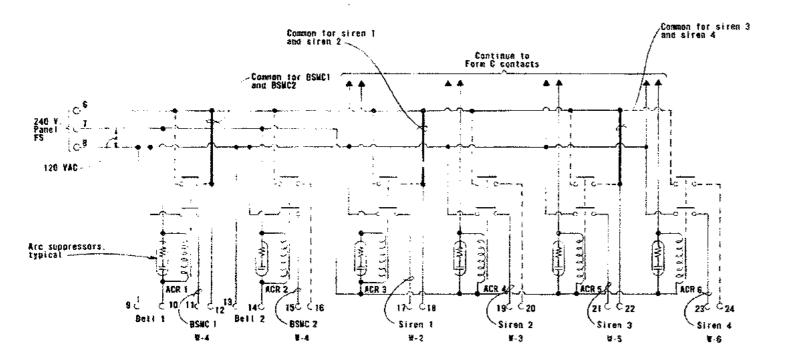
MARK DATE

### NOTES

 Desired times indicate disconnect, remove only as directed by the Engineer; heavy lines indicate new.

8 THS 2 3 TO THS CO THS

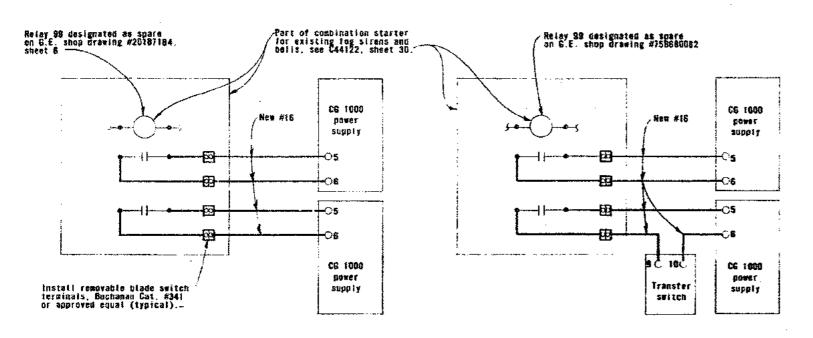
	STATE OF CALIFORNIA — SUSPICES A	ND TRANSPORTATION AGENCY DEPARTS	MENT OF TRANSPORTATION — TOLL	BRIDGE ADMINISTRATION	
	MANNE HELLER ON COLUMN THE AS		SAN FRANCISCO-OAKLAND BAY BRIDGE		
	BY CHARGE OF DESIGN.	APPROVED	ELECTRICAL ALTERATIONS		
	APPROVAL RECOMMENDED.		EAST BAY FOG HORI	N RECONNECTIONS	
BEVISION BY CHIL	DESIGN ENGINEES SECULIFIED BACK.	ASSESSANT DEPUTY CHEEF-REQUIREMENT SHOP CHASE	NONE NOTE	оцично мо. F 44122-1	
<del></del>				аменями воде м. Фоле	



#### PARTIAL SCHEMATIC - WEST BAY

#### RELAY INTERPOSE CONTROL

(See Automatic Power Inc., shop drawing #M-1802-0)



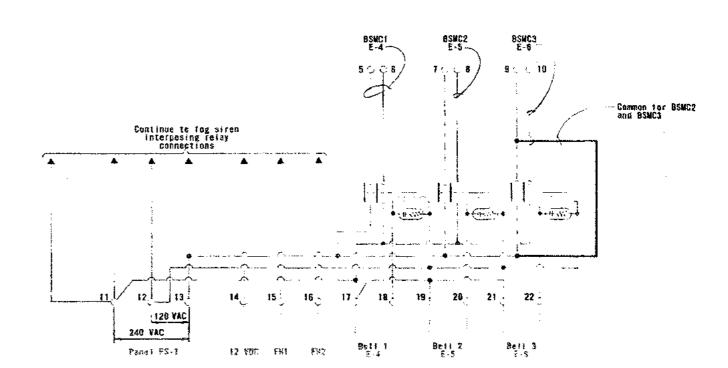
WEST BAY
(See Automatic Power Inc., shop drawing #X-930-C)

EAST BAY
(See Automatic Power Inc., shop drawing #X-928-C)

MARK DATE

SE/120CM

FOG HORN REMOTE CONTROL CONNECTIONS



## PARTIAL SCHEMATIC - EAST BAY RELAY INTERPOSE CONTROL

(See Autometic Power Inc., shop drawing WE-1803-C)

### NOTES

 Bashed lines indicate disconnect and remeral; heavy times indicate sew.

8 THS 80 THS 0 THS 0 SCALE IN INCICES ON OPPERAL.

	STATE OF CALFORNIA - RUSINESS A	ND TRANSPORTATION AGENCY DEPART	WENT OF TRANSPORTATIO	H TOLL BRIDGE	ADMINISTRATION
	BANN Stillering On Sales Fling		SAN FRANCISCO-OAKLAND BAY BRIDGE ELECTRICAL ALTERATIONS		
	IN COUNCY OF DESIGN	AJTROVEO			
	AVECUAL ECOMMENCES. FOG HO		RN RECONNECTIONS		
BY CHTK.	DOLLON PHILADER SCONTINUES BACE.	ACRETANT DEPUT COOF - MOSTERS SIGN	NONE !	S.	F 44122-2